

REAR QUARTER TRIM ASSEMBLIES

REAR QUARTER TRIM ASSEMBLY
ALL 13000 SERIES "11 AND 37" STYLE
ALL 23000 SERIES "27 AND 37" STYLE
33427, 43427 AND 43627 STYLES

Removal and Installation

1. Remove the applied type rear quarter arm rest and window regulator inside handle (manual styles) as outlined in the door section of the body service manual.
2. Remove rear seat cushion and seat back as outlined in the seat section of the body service manual.
3. Remove front door sill plate.
4. Remove lock pillar finishing cap on "37" styles and disengage pinchweld finishing strip along

lower section of rear body lock pillar (see View "B", "F" and "G" in Fig. 2E1).

5. Slightly bend trim assembly downward to disengage top edge from trim pad retainer and remove trim assembly from rear quarter (see View "C" in Fig. 2E1).

NOTE: On styles equipped with electric window regulators, disconnect window switch (on trim pad) from harness connector.

6. The trim pad retainer (View "C", Fig. 2E1) is retained by screws and can be removed at this point if necessary.

7. To install, reverse removal procedure. Prior to installation of pinchweld finishing strip, re- cement forward overlapping edge of trim assembly to pinchweld flange (see View "B" in Fig. 2E1).

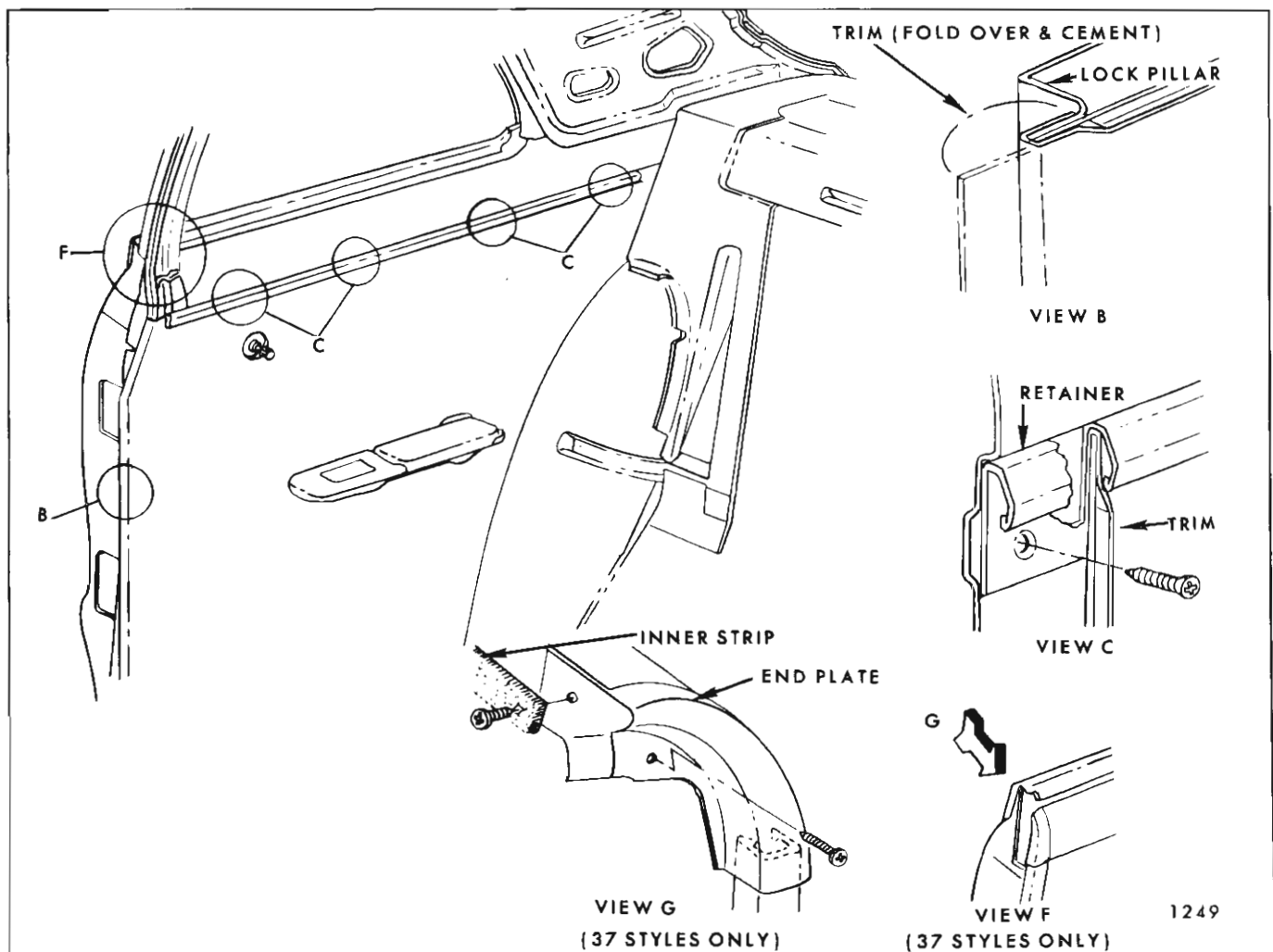


Fig. 2E1—Rear Quarter Trim Assemblies

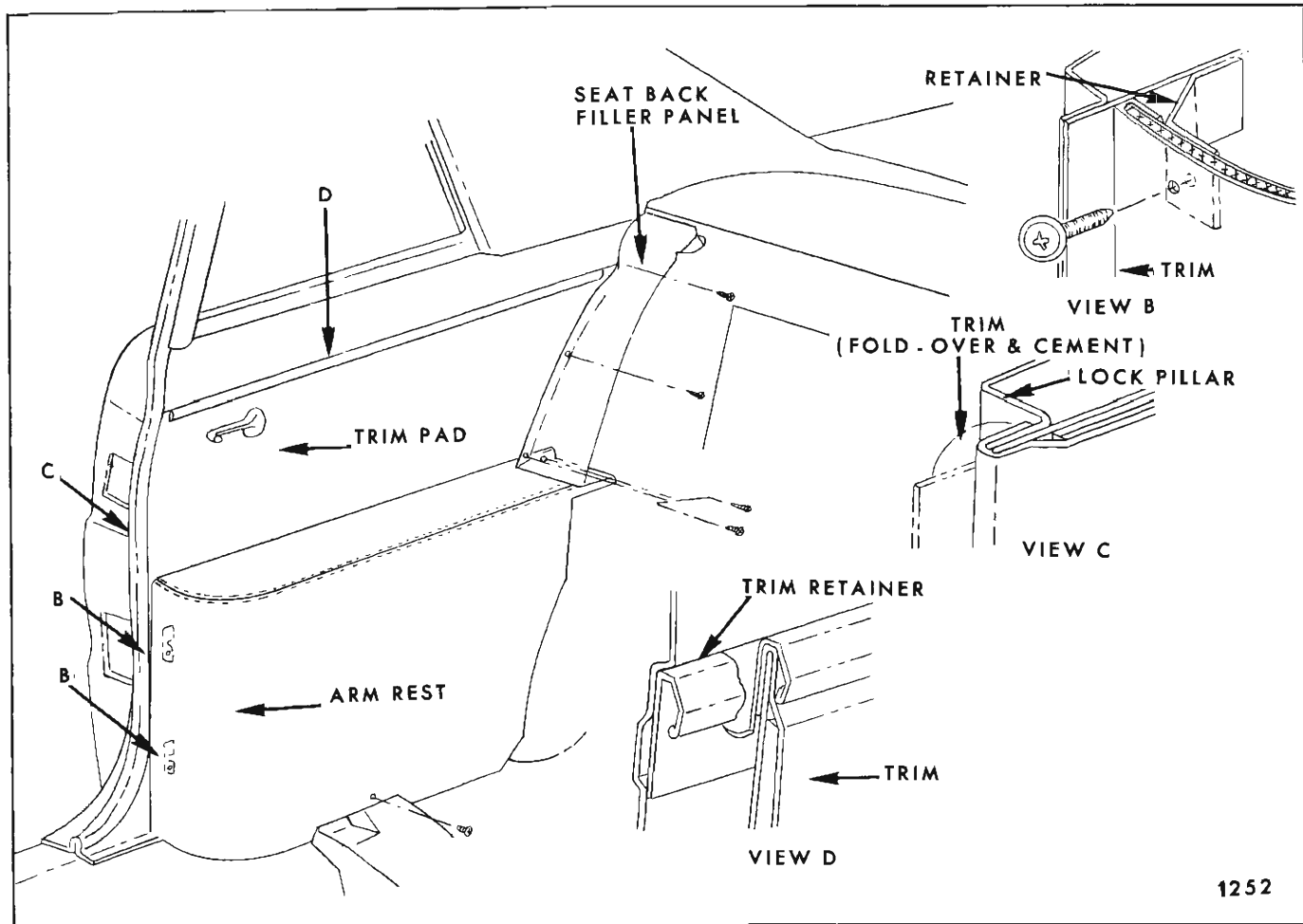


Fig. 2E2—Rear Quarter Trim Assemblies

REAR QUARTER ARM REST 33627 STYLE

Removal and Installation

1. Remove rear seat cushion and rear seat back.
2. Remove seat back filler panel to rear quarter inner panel attaching screws and remove filler panel (see Fig. 2E2).
3. Remove all arm rest attaching screws (see Fig. 2E2). Lift arm rest in an upward, inboard movement and remove assembly from rear quarter inner panel.
4. To install, reverse removal procedure.

REAR QUARTER TRIM ASSEMBLY 33627 STYLE

Removal and Installation

2. On styles equipped with manual window regulators, remove regulator inside handle.
 3. Remove front door sill plate and disengage rear body lock pillar finishing strip.
 4. Slightly bend trim assembly downward to disengage top edge from trim pad retainer.
 5. Swing rear edge of trim assembly forward and break cement bond at lock pillar pinchweld flange (see View "C" in Fig. 2E2) and remove trim assembly from rear quarter inner panel.
- NOTE:** On styles equipped with electric window regulators, disconnect window switch (on trim pad) from harness connector.
6. The trim pad retainer (View "D" in Fig. 2E2) is retained by screws and can be removed at this point, if necessary.
 7. To install, reverse removal procedure. Prior to installation of pinchweld finishing strip, cement

forward overlapping edge of trim assembly to outboard surface of pinchweld flange (see View "C" in Fig. 2E2).

**REAR QUARTER ARM REST ASSEMBLY
33837 STYLE AND 43837 STYLE**

Removal and Installation

1. Remove rear seat cushion and rear seat back.
2. Remove seat back filler panel to rear quarter panel attaching screws and remove filler panel (see Fig. 2E3).
3. Remove arm rest attaching screws and lift arm rest in an upward, inboard movement and remove assembly from rear quarter inner panel.
4. To install, reverse removal procedure.

**REAR QUARTER TRIM ASSEMBLY
33837 STYLE AND 43837 STYLE**

Removal and Installation

1. Remove rear quarter arm rest assembly.

2. On styles equipped with manual window regulators, remove regulator inside handle.

3. Remove front door sill plate and disengage rear body lock pillar finishing strip.

4. With a screw driver, or other suitable flat-bladed tool, disengage trim pad retaining clips from sealing plugs along leading edge at rear body lock pillar (see View "C" in Fig. 2E3).

NOTE: The trim pad retaining clips and corresponding sealing plugs are available as service parts.

5. The 33837 and 43837 style bodies are equipped with hang-on type trim pads and, at this point, are removed by lifting up to disengage trim pad from top of rear quarter inner panel.

NOTE: On styles equipped with electric window regulators, disconnect window switch (on trim pad) from harness connector.

6. To install, reverse removal procedure.

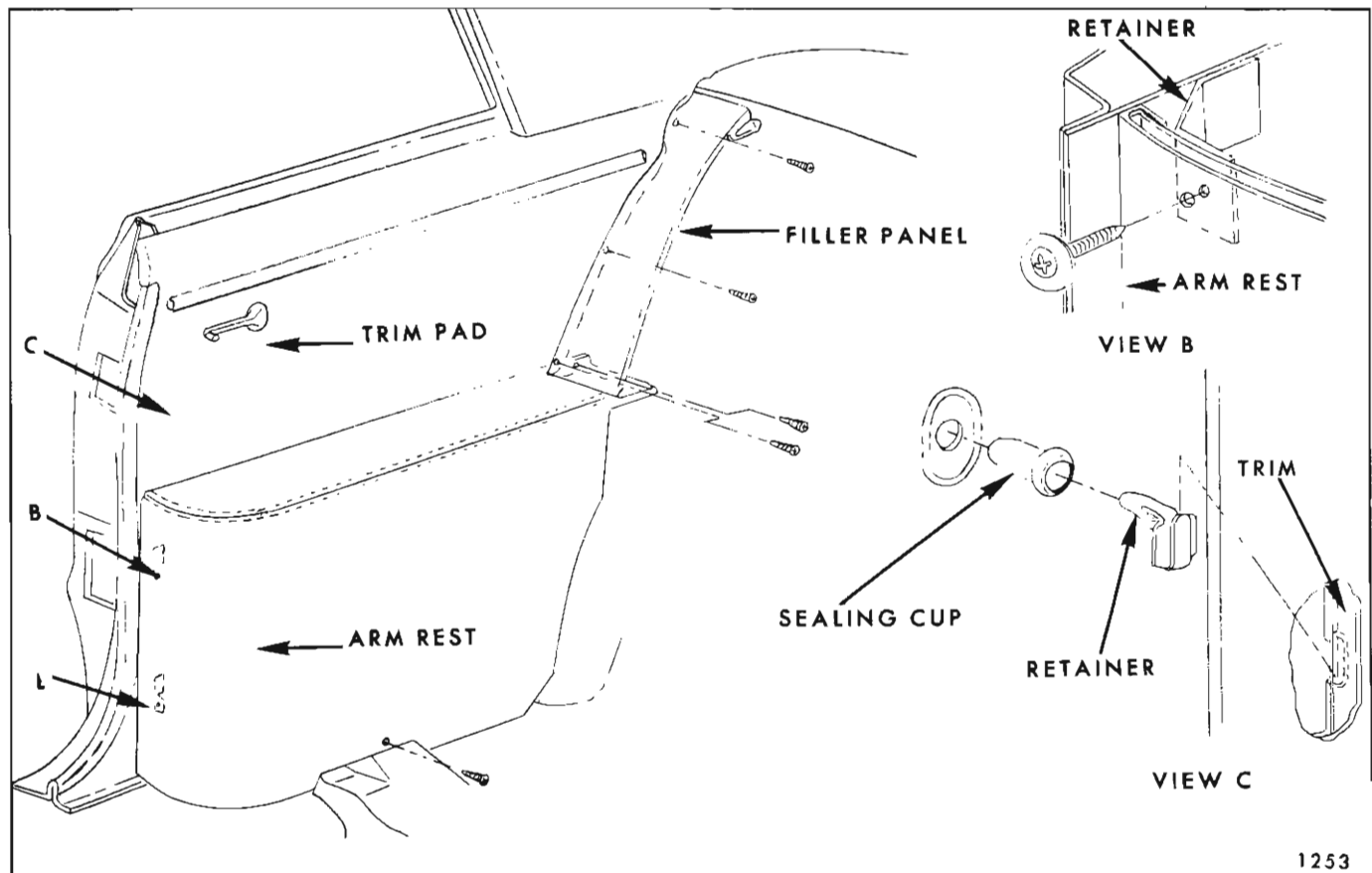


Fig. 2E3—Rear Quarter Trim Assemblies

FOLDING TOP COMPARTMENT SIDE TRIM ASSEMBLY ALL CONVERTIBLE STYLES

Removal and Installation

1. Remove rear seat cushion and rear seat back.
2. Remove all exposed screws of folding top compartment side trim assembly.
3. On styles equipped with electrical options in arm rest, pull assembly inboard sufficiently to disengage connectors.
4. Move assembly forward and inboard to remove same from rear quarter inner panel.
5. To install, reverse removal procedure.

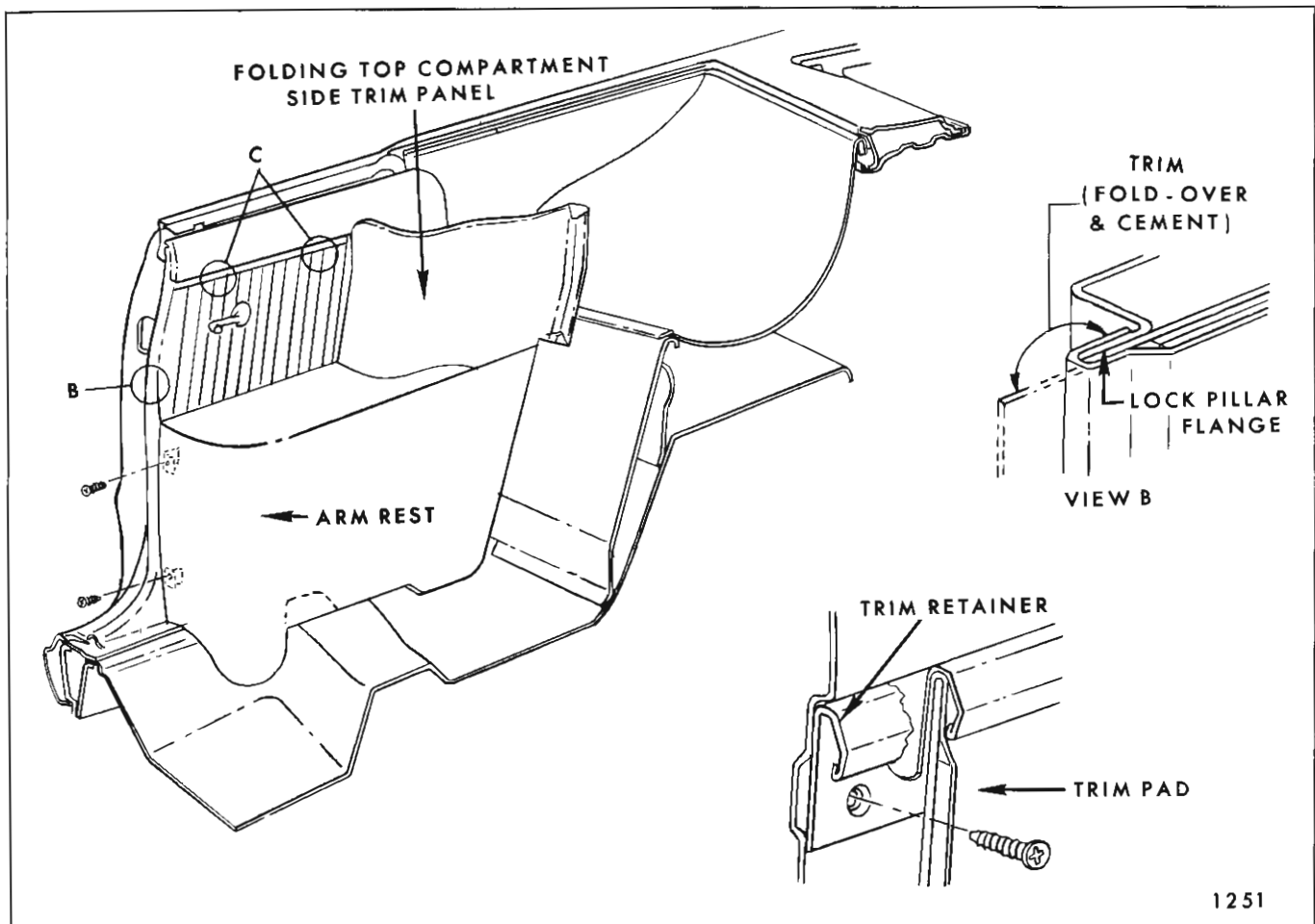
NOTE: As a bench operation, the arm rest assembly can be removed from the folding top compartment side trim assembly by removing screws installed on the reverse side.

REAR QUARTER TRIM ASSEMBLY ALL 13000 AND 23000 SERIES CONVERTIBLE STYLES

Removal and Installation

1. Remove folding top compartment side trim assembly.
2. On styles equipped with manual window regulators, remove inside handle.
3. Disengage lock pillar finishing strip and remove front door sill plate.
4. Slightly bend trim assembly downward to disengage top edge from trim pad retainer (see View "C" in Fig. 2E4).
5. Swing rear edge of trim assembly forward and break cement bond at lock pillar pinchweld flange (see View "B" in Fig. 2E4) and remove trim assembly from rear quarter inner panel.

NOTE: On styles equipped with electric window



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Fig. 2E4—Rear Quarter Trim Assemblies

regulators, disconnect window switch (on trim pad) from harness connector.

6. The trim pad retainer is retained by screws and can be removed at this point if necessary.

7. To install, reverse removal procedure. Prior to installation of pinchweld finishing strip, cement forward overlapping edge of trim assembly to out-board surface of pinchweld flange (see View "C" in Fig. 2E4).

**REAR QUARTER TRIM ASSEMBLY
33867 STYLE 43467 AND 44467 STYLES**

Removal and Installation

1. Remove folding top compartment side trim assembly.
2. On styles equipped with manual window regulators, remove inside handle.
3. Disengage lock pillar finishing strip and remove front door sill plate.
4. Remove rear body lock pillar finishing cap (see View "H" in Fig. 2E4).
5. The 33867, 43467 and 44467 styles are equipped with hang-on type trim pads and at this point, are removed by lifting up to disengage trim pad from top of rear quarter inner panel (see View "K" in Fig. 2E4).

NOTE: On styles equipped with electric window

regulators, disconnect window switch (on trim pad) from harness connector.

6. To install, reverse removal procedure.

**REAR QUARTER TRIM ASSEMBLY
13480 AND 13680 STYLES**

Removal and Installation

1. Remove seat cushion and seat back assemblies.
2. Detach rear body lock pillar pinchweld finishing strip (see section "B-B" in Fig. 2E5) and remove front door sill plate.
3. Remove screws securing rear quarter trim to body panel and remove assembly from body (see Fig. 2E5).
4. To install, reverse removal procedure.

**REAR QUARTER TRIM ASSEMBLY
44469 STYLE**

Removal and Installation

1. Remove rear seat cushion and rear seat back assemblies.
2. Detach rear body lock pillar finishing strip and remove rear door sill plate (see section "B-B" in Fig. 2E6).
3. With a putty knife, or other suitable flat-bladed tool, detach trim assembly at cemented areas indicated in Figure 2E6.
4. To install, reverse removal procedure.

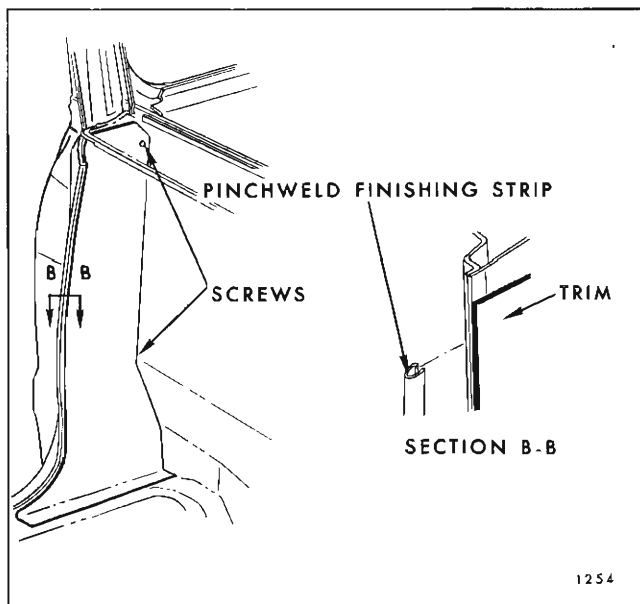


Fig. 2E5—Rear Quarter Trim Assembly

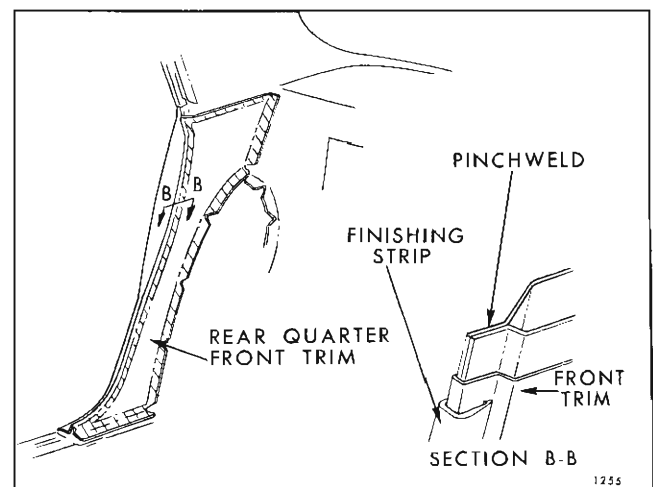


Fig. 2E6—Rear Quarter Front Trim Assembly

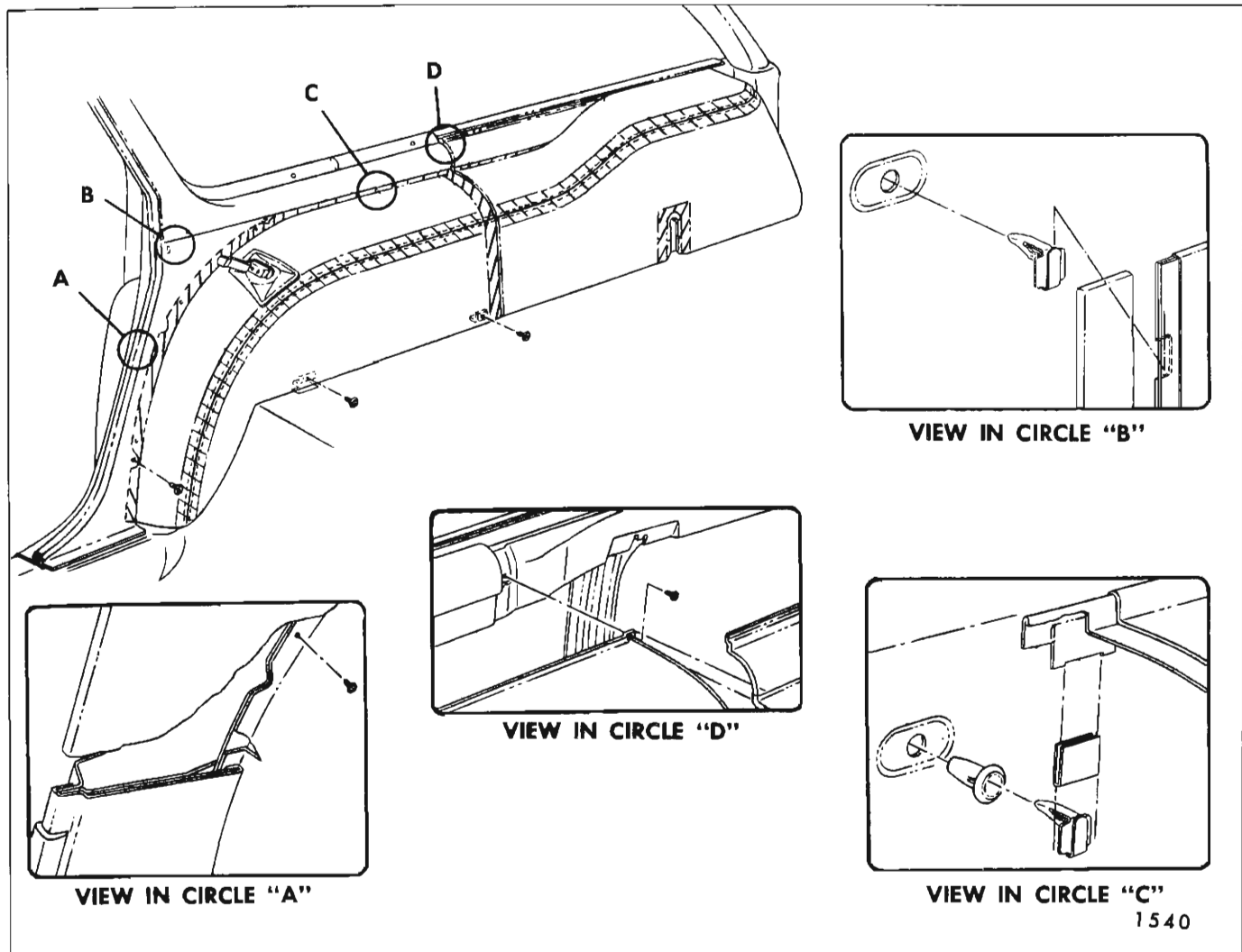


Fig. 2E7—Rear Quarter Trim - Right Side

REAR QUARTER FRONT TRIM PANEL
ALL "15"- "35"- "45"- "55" AND "65" STYLES
(RIGHT OR LEFT SIDE)

Removal and Installation

1. Disengage pinchweld finishing strip along rear body lock pillar and remove rear door sill plate.
2. Remove exposed screw at lower end of trim panel (see Fig. 2E7 and 2E8).
3. With a flat-bladed tool, disengage trim retaining clips from quarter inner panel (see View "B" in Fig. 2E7).
4. Carefully swing rear edge of trim assembly forward to break cement bond at body lock pillar and remove rear quarter front trim panel from body.
5. To install, reverse removal procedure. Prior to installation of pinchweld finishing strip, cement

forward edge of trim assembly to outboard surface of body lock pillar pinchweld flange (see View "C" in Fig. 2E8).

SPARE TIRE COVER PANEL
ALL STATION WAGON STYLES

Removal and Installation

The spare tire cover panel is retained at belt line by a screwed-on garnish molding and at the load floor level by a folding (catch-type) handle. To remove cover, open catch handle and swing bottom edge of assembly upward to disengage upper edge from beneath garnish molding (see Fig. 2E7). To install, reverse removal procedure.

WHEELHOUSE TRIM COVER PANEL
(RIGHT SIDE) ALL STATION WAGON STYLES

Removal and Installation

1. Remove rear quarter front trim panel and spare tire cover panel.

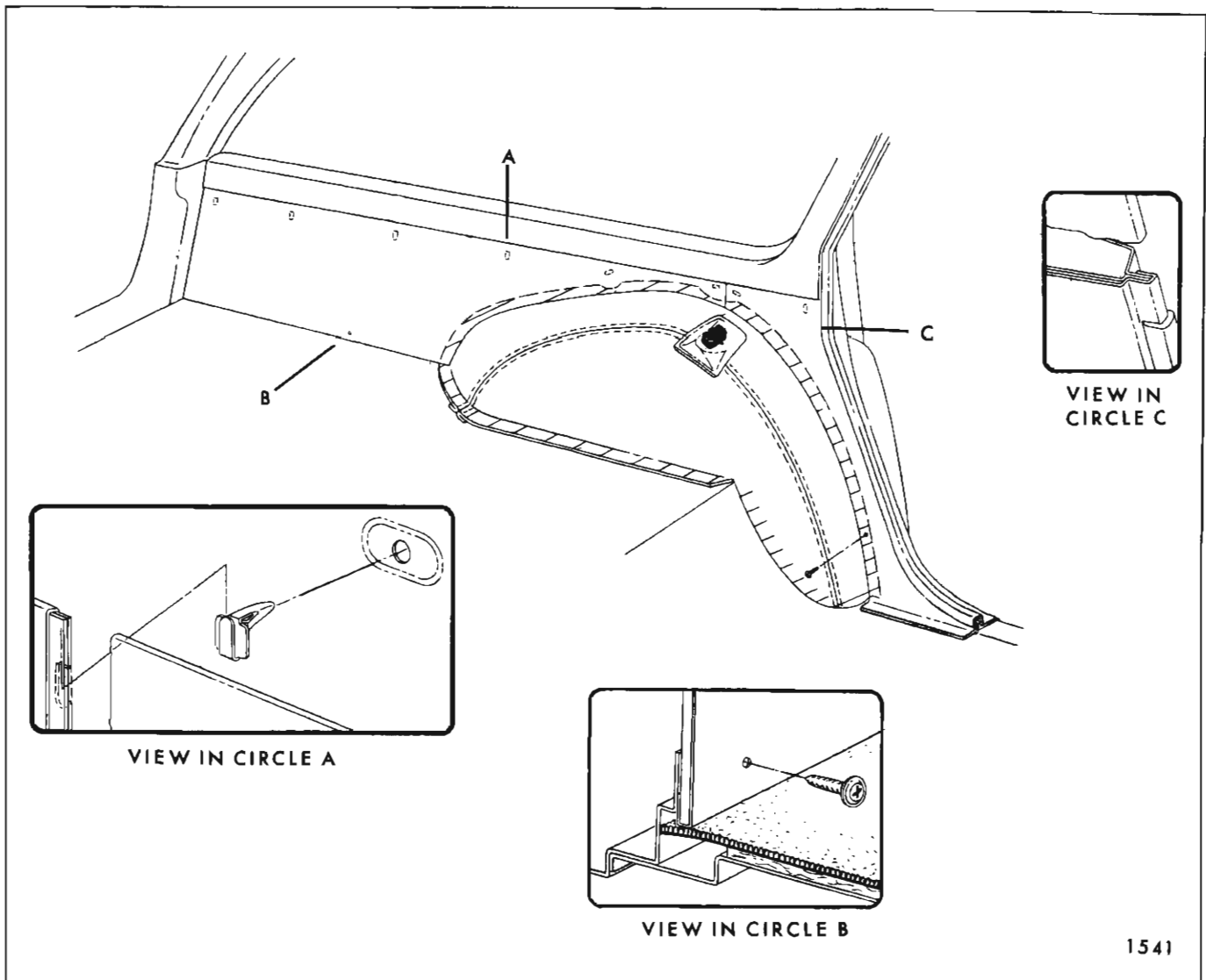


Fig. 2E8—Rear Quarter Trim Installation - Left Side

2. Remove second folding seat back catch and bumper assembly from wheelhouse.

3. Remove all trim attaching screws at front, rear and bottom of wheelhouse trim cover (see Fig. 2E7).

4. With a putty knife, or other suitable flat-bladed tool, disengage trim retaining clips from sealing plugs along top of wheelhouse cover panel and remove panel from body (see View "C" in Fig. 2E7).

NOTE: The trim retaining clips and corresponding plastic sealing plugs are available as service parts.

5. To install, reverse removal procedure.

REAR QUARTER REAR TRIM PANEL ALL STATION WAGON STYLES EXCEPT 13435 AND 23335 STYLES (LEFT SIDE)

Removal and Installation

1. On "35" styles, remove exposed screw at bottom center of panel (see View "B" in Fig. 2E8).

2. Working from front to rear (with a flat-bladed tool) disengage trim retaining clips from plastic sealing cups along upper edge of rear quarter rear trim panel (see View "A" in Fig. 2E8).

3. With an upward movement, remove panel from body.

4. To install, reverse removal procedure.

**WHEELHOUSE TRIM COVER ASSEMBLY
ALL STATION WAGON STYLES EXCEPT
13435 AND 23335 STYLES
(LEFT SIDE)**

Removal and Installation

1. Remove rear quarter front and rear trim panel assemblies and second folding seat back bumper assembly.

2. On "35" styles, fold back rubber mat from wheelhouse. On "45", "55" and "65" styles, remove compartment side filler panel as described in the "Seat" section of the body service manual.

3. Beginning at outer edges and working toward center, carefully break cement bond between wheelhouse and trim cover and remove cover.

4. To install, reverse removal procedure. Prior to installation, clean off old cement from wheelhouse to assure a smooth cementing surface. Install cover in position and scribe line inside of folding seat back bumper cut-out to guide installation when adhesive is applied. Remove cover and apply trim adhesive over wheelhouse surfaces contacted by trim cover (Do not cover scribe lines). With trim cover "inside-out", align bumper cut-out with scribe lines on wheelhouse. Apply cover to wheelhouse working from center of cover towards outer edges.

**REAR QUARTER REAR TRIM PANEL
13435 AND 23335 STYLES
(LEFT SIDE)**

The rear quarter rear trim panel on these styles (left side) is constructed of a textured metal finish

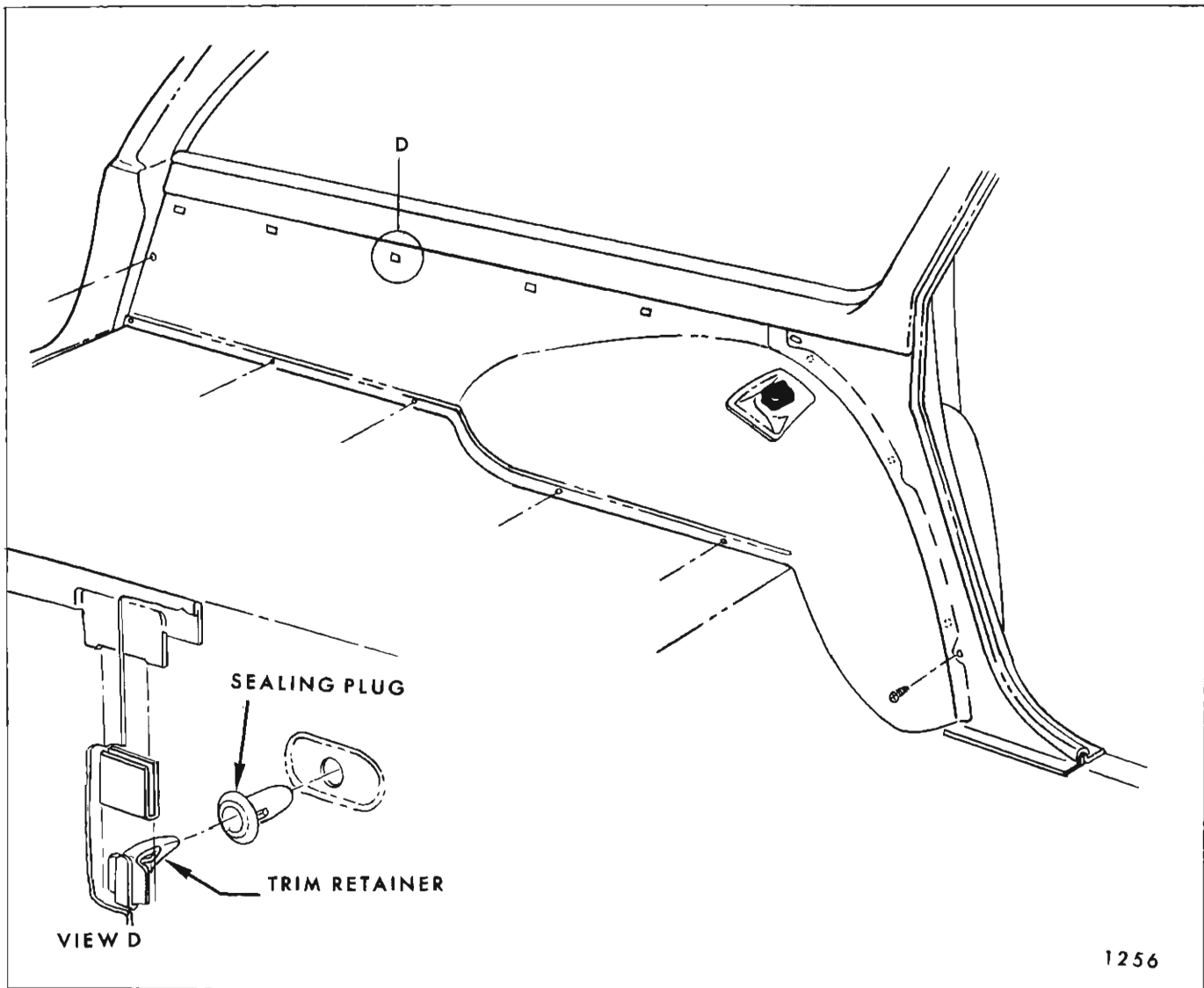


Fig. 2E9--Rear Quarter Rear Trim Panel (Left Side)

and extends to include the wheelhouse; all in a single panel.

Removal and Installation

1. Remove rear quarter front trim panel and second folding seat back bumper assembly from wheelhouse.

2. Remove all screws at front, rear and bottom of rear trim panel (see Fig. 2E9).

3. Working from front to rear (with a flat-bladed tool), disengage trim retaining clips from plastic sealing plugs and remove trim assembly from body (see View "D" in Fig. 2E9).

NOTE: The trim retaining clips and corresponding plastic sealing plugs are available as service parts.

4. To install, reverse removal procedure.

**REAR QUARTER INNER PANEL SEALING
ALL 13000 SERIES "11" STYLES**

On this style, a waterproof paper deflector is used to seal the rear quarter inner panel and prevent entry of water into body. The polyethylene

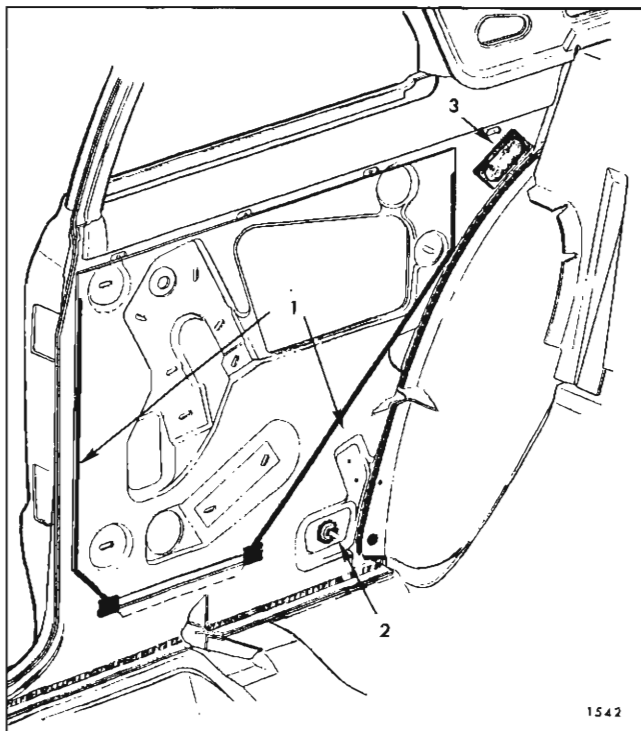


Fig. 2E10—Rear Quarter Inner Panel Sealing - "11" Style

- 1. Water Deflector Sealer
- 2. Rear Guide Sealer
- 3. Access Hole Cover

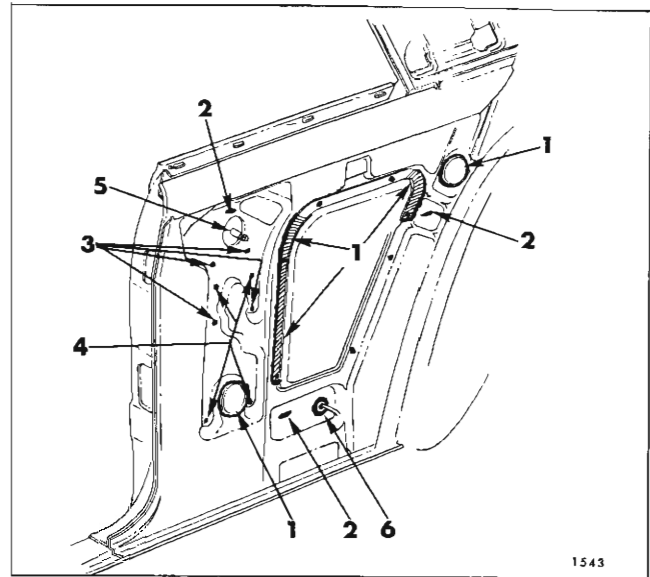


Fig. 2E11—Rear Quarter Inner Panel Sealing - "27" Styles

- 1. Access Hole Cover and Sealing Plugs
- 2. Window Guide and Glass Run Channel Attaching Screws
- 3. Window Regulator Attaching Screws (Manual)
- 4. Window Regulator Attaching Screws (Electric)
- 5. Window Regulator Spindle Hole Sealing Washer
- 6. Wire Harness and Grommet Hole (Power Operated Windows Only)

(shiny or black) side of the deflector is placed against inner panel. The deflector fits into a retaining slot at bottom of inner panel and deflects water to bottom and out bottom drain holes. The deflector is further secured by a string-loaded sealing material along both front and rear edges and by the application of waterproof sealing tape at front and rear lower corners. When work is performed where the paper water deflector has been disturbed, the deflector must be properly sealed and taped to the inner panel to prevent waterleaks. It is important that all personnel performing service operations are aware of the importance of using the specified material and recommended removal, installation and replacement procedures. If additional sealing material is required, body caulking compound is recommended for service sealing.

When access to the inner panel is required, the deflector may be completely or partially detached from the inner panel. If the existing water deflector is damaged so that it will not properly seal the rear quarter, replacement of the deflector is required.

The following procedure covers complete removal and installation of the water deflector. If only partial removal of the deflector is required, perform only those steps which are necessary to expose the required area of the rear quarter inner panel.

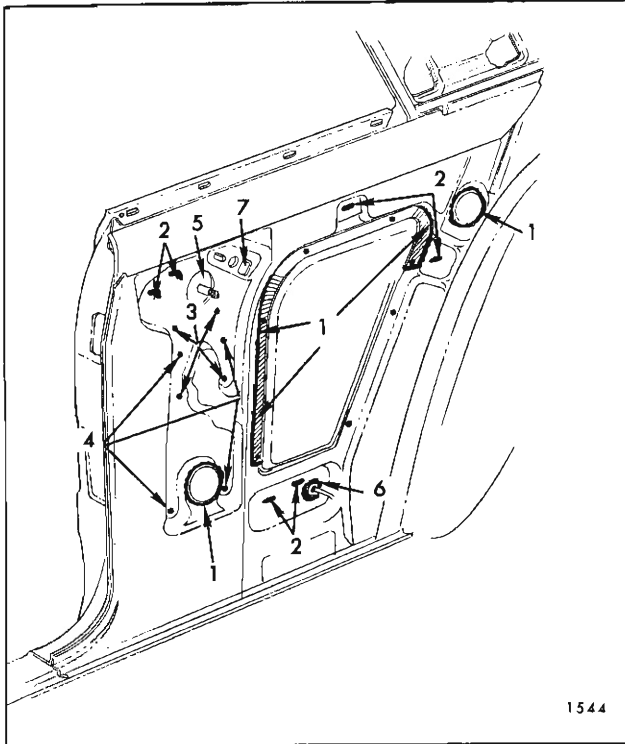


Fig. 2E12—Rear Quarter Inner Panel Sealing - "37" Styles

1. Access Hole Cover and Sealing Plugs
2. Window Guide and Glass Run Channel Attaching Screws
3. Window Regulator Attaching Screws (Manual)
4. Window Regulator Attaching Screws (Electric)
5. Window Regulator Spindle Hole Sealing Washer
6. Wire Harness and Grommet Hole (Power Operated Windows Only)
7. Regulator Lift Arm Up-Travel Stop

Removal

1. Remove rear quarter trim assemblies.
2. Remove strips of waterproof body tape securing lower corners of water deflector.
3. With a putty knife, or other suitable flat-bladed tool, carefully break cement bond securing upper corners of water deflector to inner panel. Make sure string, located within sealer, is against water deflector and carefully slide putty knife between sealer and inner panel along both sides to disengage sides of water deflector from inner panel.
4. Disengage lower edge of water deflector from retaining slot in quarter inner panel and remove water deflector. Figure 2E10 is for "11" styles but is indicative of all coupe styles utilizing a rear quarter inner panel water deflector.

Installation

1. Inspect water deflector and, where necessary, repair any tears or holes with waterproof body tape applied to both sides of deflector. In addition, if bond between polyethylene and deflector paper has been torn, cut or damaged, apply waterproof body tape to both sides of deflector (over damaged area) to prevent water from wicking on uncoated side of deflector paper.
2. If a new water deflector is to be installed, use old deflector as a template. Trim new deflector to proper size and cut holes for all inside hardware. In addition, clean off old cement from quarter inner panel and apply a continuous bead of body caulking compound (approximately 3/16" diameter) to inner panel along line contacted by front and rear edge of water deflector.
3. Position water deflector to inner panel with polyethylene coated (shiny or black) side of deflector against inner panel. Insert lower edge of deflector in retaining slot. Firmly roll or press sealed areas to obtain a good bond between deflector and inner panel.

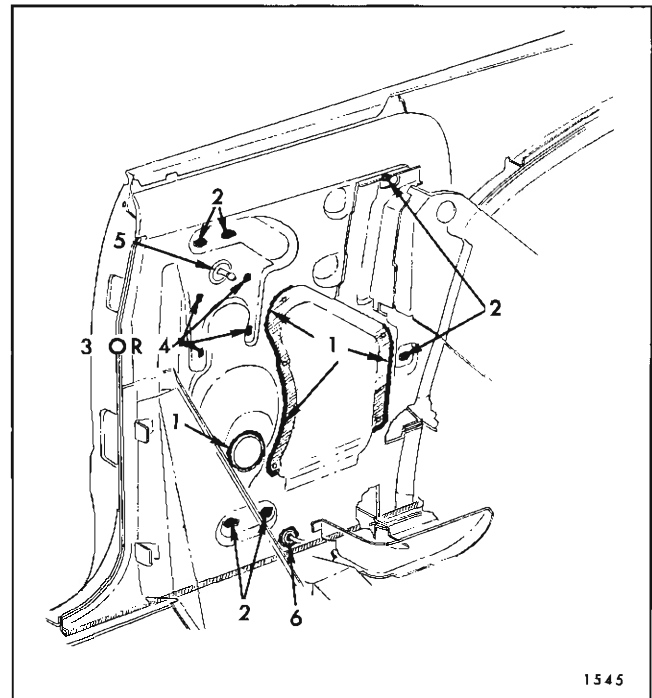


Fig. 2E13—Rear Quarter Inner Panel Sealing - "67" Styles

1. Access Hole Cover and Sealing Plugs
2. Window Guide and Glass Run Channel Attaching Screws
3. Window Regulator Attaching Screws (Manual)
4. Window Regulator Attaching Screws (Electric)
5. Window Regulator Spindle Hole Sealing Washer
6. Wire Harness and Grommet Hole (Power Operated Windows Only)

4. Install all trim and hardware components previously removed.

REAR QUARTER INNER PANEL SEALING
13000 SERIES "37" AND "67" STYLES
23000 SERIES "27"- "37"- "67" STYLES
33000 SERIES "27"- "37"- "67" STYLES
43000 AND 44000 SERIES "27"- "37"- "67"
STYLES

Whenever the rear quarter inner panel seals have been disturbed, the area must be resealed before the rear quarter trim is installed. Following are the inner panel openings and hardware attaching locations that require sealing and the recommended sealing material. The numbers of the respective items refer to corresponding numbers in referenced Figures, as follows:

1. Access Hole Cover and Sealing Plugs - Prior to installation of access hole cover, apply a bead of body caulking compound across top and down sides of opening. After installation, apply another bead of caulking compound down outer edges of access hole cover at shaded areas in illustrations. Make certain to effect a good seal at screw locations and where cover crosses over to inside of inner panel. Prior to installation of sealing plugs, apply body caulking compound completely around opening to effect a seal when plug is installed.

2. Window Guide and Glass Run Channel Attaching Screws - Apply body caulking compound over attaching screws to effect a watertight seal.

3. Window Regulator Attaching Screws (Manual) - Apply body caulking compound over attaching screws to effect a watertight seal.

4. Window Regulator Attaching Screws (Electric) - Apply black weatherstrip adhesive over attaching screws and screw holes to effect a watertight seal.

5. Window Regulator Spindle Hole Sealing Washer - Apply black weatherstrip adhesive over exposed surface of washer to seal pores of sponge rubber and to effect a seal between washer and inner panel. On styles with power operated windows, apply waterproof body tape and body caulking compound around switch box.

6. Wire Harness and Grommet Hole (Power Operated Windows Only) - Apply black weatherstrip adhesive around grommet and wire to effect a seal between wire and grommet and between grommet and inner panel.

7. Regulator Lift Arm Up-Travel Stop ("37" Styles only) - Apply body caulking compound over stop and attaching bolt.

NOTE: Although not called out on the illustrations, but just as necessary, are seals at wire harness clip and seat back filler panel attaching screws, and small gage holes and arm rest anchor nuts. When any of these seals have been disturbed, reseat with body caulking compound.

HARDWARE

FRONT AND SIDE SKYLIGHTS ALL "55" AND "65" STYLES

All front and side skylight reveal moldings, with the exception of the front skylight division outer reveal molding and side skylight rear reveal molding, are retained by clips attached to the rabbet of the window opening pinchweld flange. In some locations, the clips are retained by screws inserted through the clips into body metal. In other locations, similar clips are pressed over studs that are welded to the window opening rabbet (see Fig. 2E14).

Although clips are retained by different methods, they all engage the molding in the same manner. A projection on the clip engages the molding flange when the flange is inserted between clip and body metal. On the screw retained clip, an integral self-sealing washer on the body side of the clip protects against waterleak at screw locations. In addition, the side skylight upper and lower reveal moldings are equipped with anti-squeak spacers which are available as service parts.

FRONT SKYLIGHT REVEAL MOLDING ALL "55" AND "65" STYLES

Removal and Installation

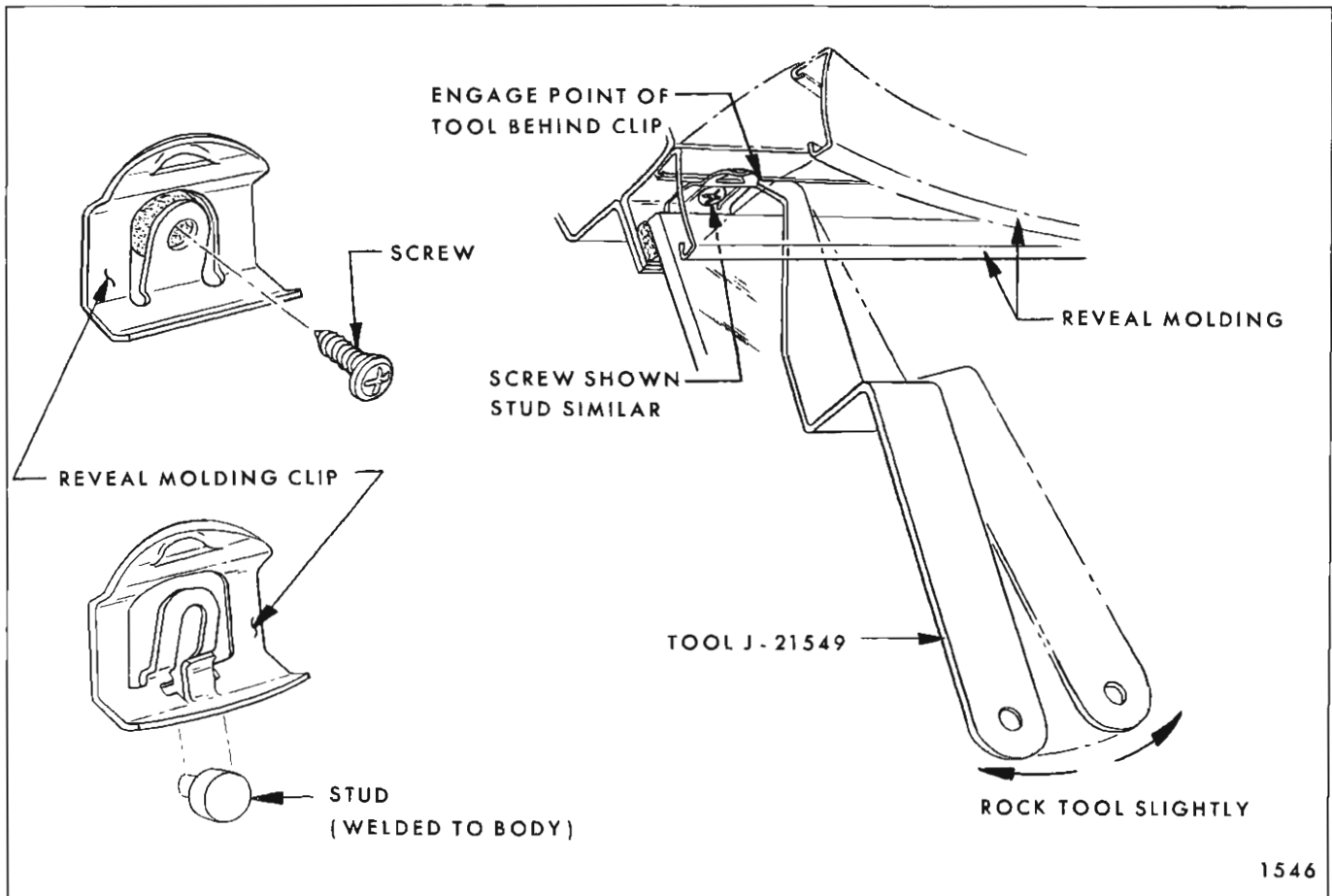
1. First remove skylight division pillar molding by inserting a flat-bladed (thin) tool between molding and glass and prying upward (see section A-A in Fig. 2E15).

NOTE: As shown in Figure 2E15, this molding is retained by integral clips that snap over the skylight division pillar.

2. Insert tool J-21549, or equivalent, between glass and reveal molding at a clip location.

3. With blade of tool flat on glass, engage point between upper edge of clip and molding and slightly rock tool (see Fig. 2E14) to disengage molding from clip.

NOTE: Reveal molding removal tools J-9698 and J-21549 have been superseded by a new adhesive caulked window glass tool set J-21549-02,



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Fig. 2E14—Reveal Molding Clip Disengagement

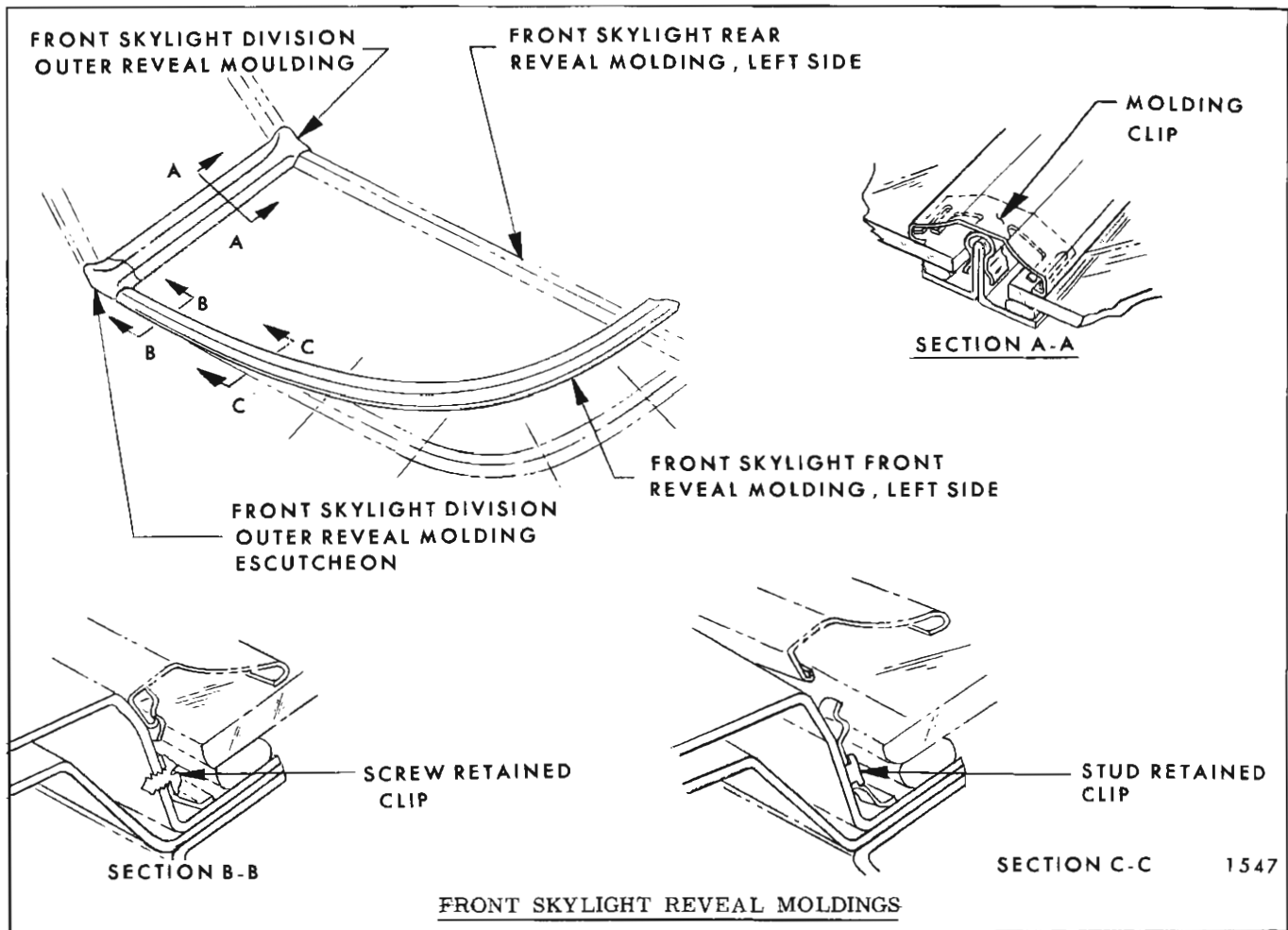


Fig. 2E15—Front Skylight Reveal Moldings

which is available as a service tool package. The original tools, however, are still satisfactory for removing reveal moldings of all adhesive caulked glass installations. Tool package J-21549-01 consists of:

- J-21549-1 . . . Handle
- J-21549-2 . . . Reveal molding remover (flat blade).
- J-21549-3 . . . Reveal molding remover (angle blade).

4. Repeat step number 3 at each clip location and remove molding from body.

5. To install, position molding over clips and press into place.

NOTE: Exercise care when removing moldings not to get point of tool behind edge of glass. Any prying force can easily break laminated safety plate glass.

**SIDE SKYLIGHT REVEAL MouldINGS
ALL "55" AND "65" STYLES**

Removal and Installation

1. The front, upper and lower side skylight reveal moldings are removed in the same manner as the front skylight reveals as explained in "Front Skylight Reveal Moldings."

2. The side skylight rear reveal molding is retained by bolt and clip assemblies as shown in Figure 2E16. To remove, proceed as follows:

- a. Remove rear roof headlining trim finishing molding and side skylight rear garnish molding.
- b. Remove molding attaching bolt and remove molding from body.
- c. To install, reverse removal procedure.

NOTE: The reveal molding clip weld-on stud is not available as a service part. Therefore, when

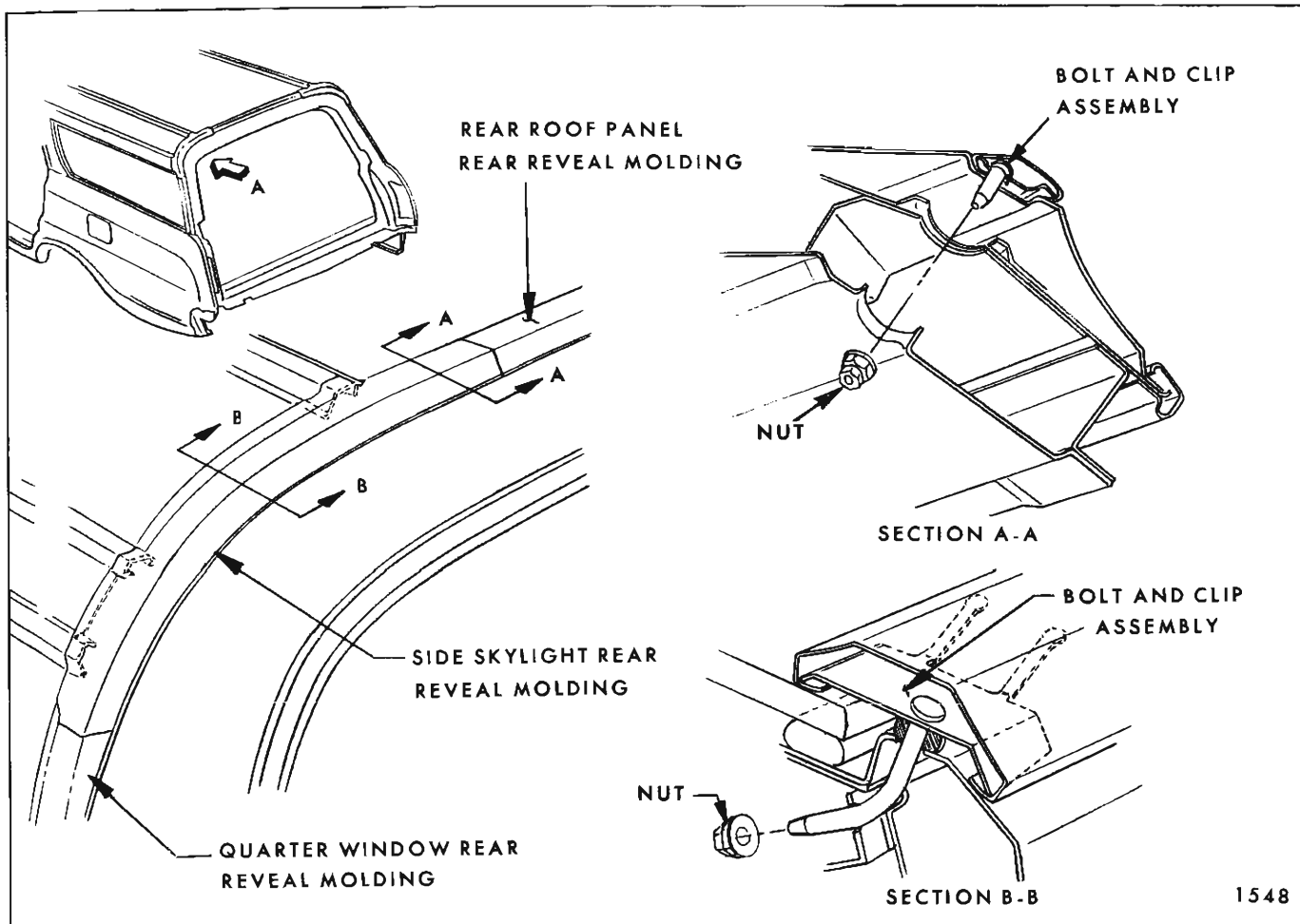


Fig. 2E16—Side Skylight Rear Reveal Molding

replacing panels that have weld-on studs, drill replacement panel and install screw retained clips.

FRONT AND SIDE SKYLIGHT WINDOWS ALL "55" AND "65" STYLES

The front and side skylight windows are retained in the body opening by a self-curing, synthetic rubber adhesive caulking compound that adheres to both glass and window opening pinchweld flange. To remove a window retained in this manner, it is necessary to remove the reveal and garnish moldings and cut through the material with a thin wire. To reinstall a window requires replacement of the adhesive caulking material.

Adhesive Caulking Kit #4226000, which is designed for a "short method" windshield installation, has sufficient adhesive material to install either a front or side skylight.

The components of Adhesive Caulking Kit #4226000 are as follows:

- a. One tube of adhesive caulking material.
- b. One dispensing nozzle.
- c. Steel music wire.
- d. Adhesive Caulking Primer.

The materials required in addition to those included in the kit or equivalent are as follows:

- a. Caulking gun - standard cartridge type reworked as described in procedure.
 - b. Two pieces of wood for handles for cutting wire.
 - c. Black weatherstrip adhesive.
 - *d. Painted Surface Primer - needed only if pinchweld flange is repainted.
 - *e. Rubber glass - spacers.
- *Available as service parts.

Removal

1. Remove reveal moldings around periphery of window to be removed.

2. Secure one end of steel music wire to a piece of wood that can serve as a handle. Insert other end of wire through caulking material at corner of window and secure that end to a second piece of wood (see Fig. 2E17).

3. With the aid of a helper, carefully cut (pull wire through) caulking material; up one side, across top, down opposite side and across bottom. If difficulty is encountered at rubber spacer locations, cut through spacers using a slow sawing motion. Do not use a quick motion as wire will heat-up and break. Keep tension on wire throughout cutting operation to prevent "Kinks" in wire.

4. Remove window from body opening. If the same glass is to be reinstalled, place it up-side-down on a clean protected surface. Using a sharp scraper or razor blade, remove major traces of old caulking material from glass. Remove all remaining traces with a toluene or thinner dampened rag.

NOTE: Do not use an oil base solvent. Any traces of oil will prevent adhesion of new caulking material to glass.

5. Using a sharp scraper or chisel, remove the major portion of old caulking material from pinch-weld flange. It is not necessary that all of the original adhesive be removed, however, there



Fig. 2E17—Adhesive Caulked Window Removal

should not be any mounds or loose pieces of material left.

Installation

1. Check all reveal molding retaining clips. If upper end of clip is bent away from body metal more than 1/16 of an inch, either reform or replace clip. Check all clip screws and tighten as required. Place protective covering over interior trim below window opening.

2. Using black weatherstrip adhesive, cement flat rubber spacers #4848472 or equivalent (.18 x .5 x 1.0) to window opening pinchweld flanges at "X" locations as shown in Circle "A" in Figure 2E18.

NOTE: Use sufficient adhesive to obtain a watertight seal beneath spacer, however, do not allow excessive squeeze-out. Weatherstrip adhesive is not compatible with the replacement adhesive material and waterleaks may develop at locations where these two materials are used together to form a seal.

3. Using black weatherstrip adhesive, cement rectangular spacers #4404196 or equivalent (.30 x .44 x 1.0) to window opening rabbet at "Y" locations shown in Section B-B in Figure 2E18.

4. If the front skylight is being installed, attach glass handling suction cups to outer surface of glass and position glass in body opening (see Fig. 2E19).

If side skylight is being installed, carry glass to body with aid of a helper as shown in Figure 2E20.

Supporting glass with one hand, extend other arm into body and back through window opening as shown in Figure 2E21 and lower glass into position.

5. Check relationship of glass to pinchweld flange around entire perimeter. Overlap of pinchweld flange should be equal with a minimum overlap of 3/16". Overlap across top may be varied by changing lower glass support spacers. Both .30 thick (#4404196 or equivalent) and .34 thick (#4871330 or equivalent) rectangular spacers are available as service parts.

6. Check relationship of glass contour to body opening. Gap space between glass and pinchweld flange should be no less than 1/8" nor more than 1/4". If difficulty is encountered staying between these limits, correction can be made by any one of the following methods:

a. Reposition flat spacers.

b. Apply more caulking material than is specified at excessive gap areas. Material can be applied

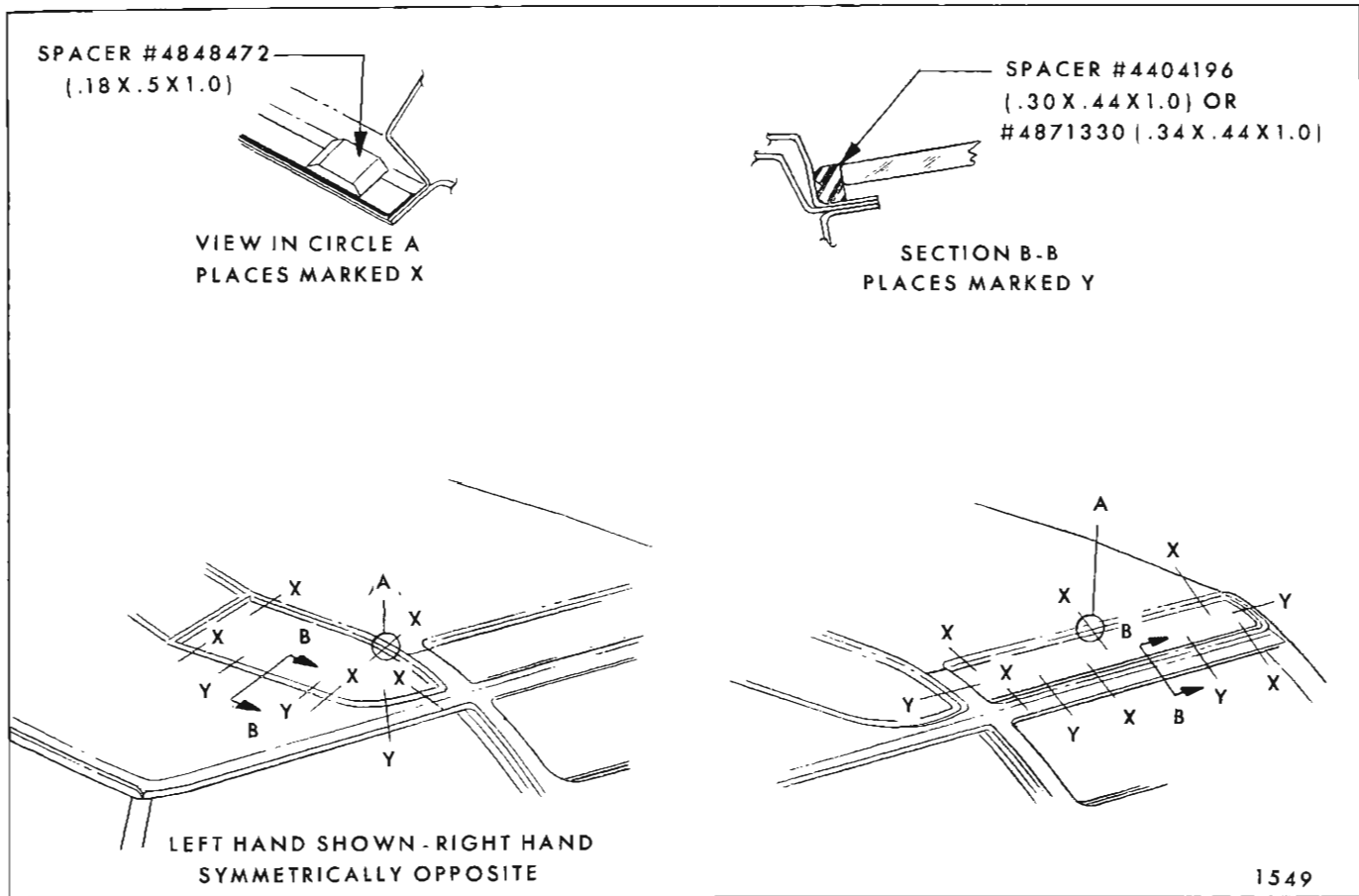


Fig. 2E18—Front and Side Skylight Rubber Spacer Installation

to pinchweld flange or by allowing bead on glass to exceed 3/8" height at gap areas.

c. Change glasses—another glass may fit opening better.

d. Rework pinchweld flange.

7. After final adjustments have been made and glass is in proper position, apply pieces of masking tape over edges of glass and body (see View A in Fig. 2E19 or 2E21, depending on window being installed). Slit tape vertically at glass edge so that tape on glass can be aligned with tape on body to guide glass into opening during installation.

8. Remove glass from body opening and place inner surface up on a clean protected surface or glass holding fixture.

9. Apply one inch masking tape completely around inner surface of glass 1/4" inboard from outer edge (see Fig. 2E22). Removal of tape after glass installation will aid in clean-up and give a smooth even edge to adhesive material.

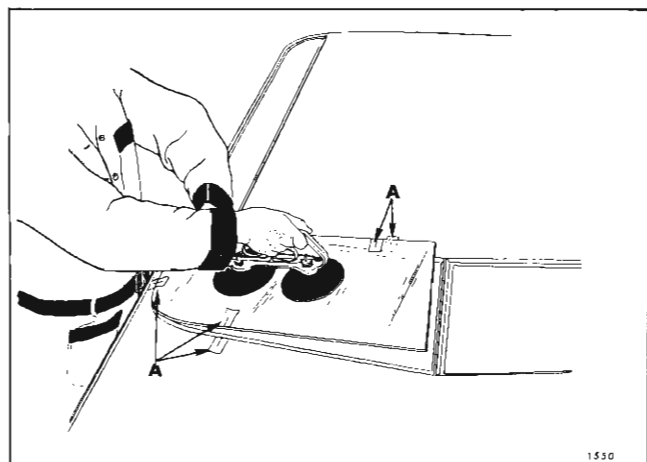


Fig. 2E19—Glass Suction Cup Usage

10. Using a clean lint-free cloth liberally dampened with Adhesive Caulking Primer or equivalent (supplied in kit #4226000), briskly rub primer over original adhesive material remaining on pinchweld flange. Perform the following steps while allowing primer to dry for 5 to 10 minutes.

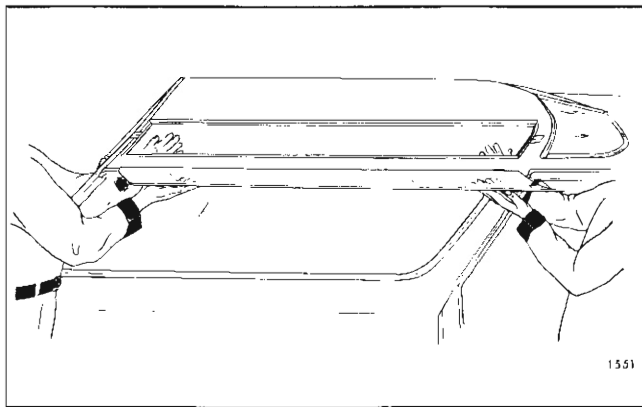


Fig. 2E20—Side Skylight Window Installation

NOTE: If the pinchweld flange has been re-painted, prime pinchweld flange with Painted Surface Primer (or equivalent). Painted Surface Primer is available as a service part.

CAUTION: Use extreme care to avoid spilling any primer solution on trim or painted surfaces. Wipe any spills immediately as primers will etch trim or paint finishes on contact.

11. Enlarge dispensing end of caulking tube nozzle by notching nozzle along score line depicted in View A of Figure 2E22.

12. Wipe surface of glass to which bead of adhesive material will be applied (between applied masking tape and edge of glass) with a clean water-dampened cloth. Dry glass with a clean cloth.

13. Assemble nozzle to tube of adhesive and insert tube into a standard caulking gun.

NOTE: In some cases it may be necessary to widen end-slot of gun and reduce diameter of plunger rod disc to accommodate tube.

14. Positioning gun and nozzle as shown in Figure 2E22, carefully apply a smooth continuous

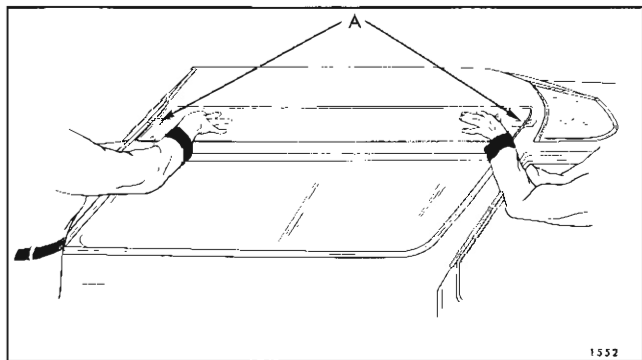


Fig. 2E21—Side Skylight Window Installation

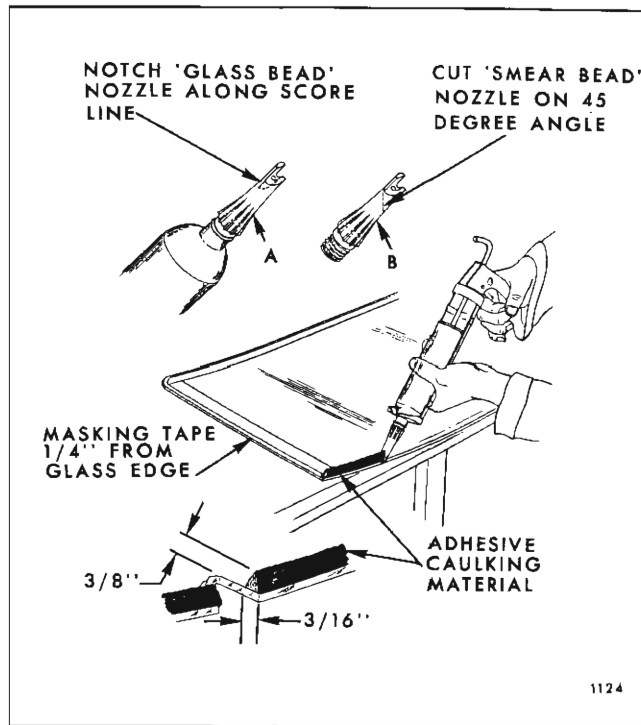


Fig. 2E22—Adhesive Caulking Material Application - Extended Method

bead of caulking material $3/8''$ high by $3/16''$ wide at base completely around edge of glass.

NOTE: Adhesive caulking material begins to cure after 15 minutes exposure to air; therefore, perform the following steps immediately and install glass in opening as quickly as possible.

15. Cut caulking tube nozzle on a 45 degree angle as shown in View B of Figure 2E22. Hold caulking gun at an angle so that opening of nozzle rests flat on pinchweld flange and apply a thin ($1/4''$ wide x $1/16''$ high) "smear bead" of adhesive caulking material completely around pinchweld flange.

16. Install glass in opening as described in step No. 4. Focus attention on tape guides previously applied to obtain proper positioning.

NOTE: When installing front skylight, position outer lower corner first as shown in Figure 2E19 and lower glass into opening.

17. Press glass lightly to insure good adhesion between material on glass and material on body and install reveal moldings.

18. Working inside body, run a flat-bladed stick around window opening pinchweld flange to press squeeze-out material back into opening between glass and pinchweld flange.

19. Watertest car immediately with a cold water spray. If any leaks are encountered, use a flat-bladed tool to work material into leak point. Remove tape from inside surface of glass.

NOTE: Prevent caulking material from contacting trimmed surfaces. Adhesive Caulking material is very difficult, if not impossible, to remove from fabric. Use fabric cleaner to remove adhesive stains from vinyl fabrics.

20. Install all previously removed parts and remove protective coverings.

NOTE: Unused adhesive caulking material remaining in tube can be stored for later use. To store, remove nozzle and replace end cap. Material can easily be removed from nozzle after it has cured.

MINOR WATERLEAK CORRECTION ALL "55" AND "65" STYLES (SKYLIGHT WINDOWS)

If a waterleak develops in a cured adhesive caulked skylight window installation, proceed as follows:

1. Remove garnish moldings or trim finishing lace from leak point.

2. Prime adhesive caulking material at leak point with Adhesive Caulking Primer or equivalent. Allow primer to dry for 5 to 10 minutes.

3. Apply adhesive caulking material from Kit #4226000, or equivalent, to leak point until leak is stopped.

4. Install all previously removed parts.

NOTE: If application of fresh caulking material builds-up too much and presents an appearance problem, core-out cured adhesive at leak point to create a void that will accept the new adhesive.

REAR QUARTER WINDOW REVEAL MOLDINGS ALL "55" AND "65" STYLES

The rear quarter window upper and lower reveal moldings are retained by both screw retained clips and clips installed over weld-on studs (see Fig. 2E14). These moldings are removed in the same manner as described under "Front Skylight Reveal Moldings".

The rear quarter window rear reveal molding is snapped over clips that are secured to the back body pillar with screws (see Fig. 2E23). To remove the molding, insert a thin, flat-bladed tool under rear edge of molding and pry upward.

NOTE: Protect paint to prevent damage to finish.

To install molding, engage rear edge under clips and then front edge by pressing molding at clip locations.

REAR QUARTER WINDOW ASSEMBLY 13000 SERIES "11" STYLES & ALL "27" STYLES

Removal and Installation

1. Remove rear quarter trim assembly. On "11" styles, remove trim assembly upper finishing molding and inner panel water deflector. On "27" styles, remove inner panel access hole cover.

2. Remove glass run channel inner strip assembly.

3. With window in half-down position, remove snap-ring retainer securing regulator lift arm to pivot pin on window lower sash channel (Fig. 2E25 for "27" styles, Fig. 2E24 for "11" styles).

4. Supporting window with one hand, disengage regulator lift arm from pivot pin. Raise regulator arm to remove it from access hole.

5. On "11" styles, rotate window assembly forward and remove from between the panels, rear edge of glass coming out first. On "27" styles rotate glass slightly rearward and bring upper section of glass out first from between the panels.

6. To install, reverse removal procedure. Seal inner panel water deflector on "11" styles as specified under "Front and Rear Door Inner Panel Water Deflector" in the Door Section of this manual.

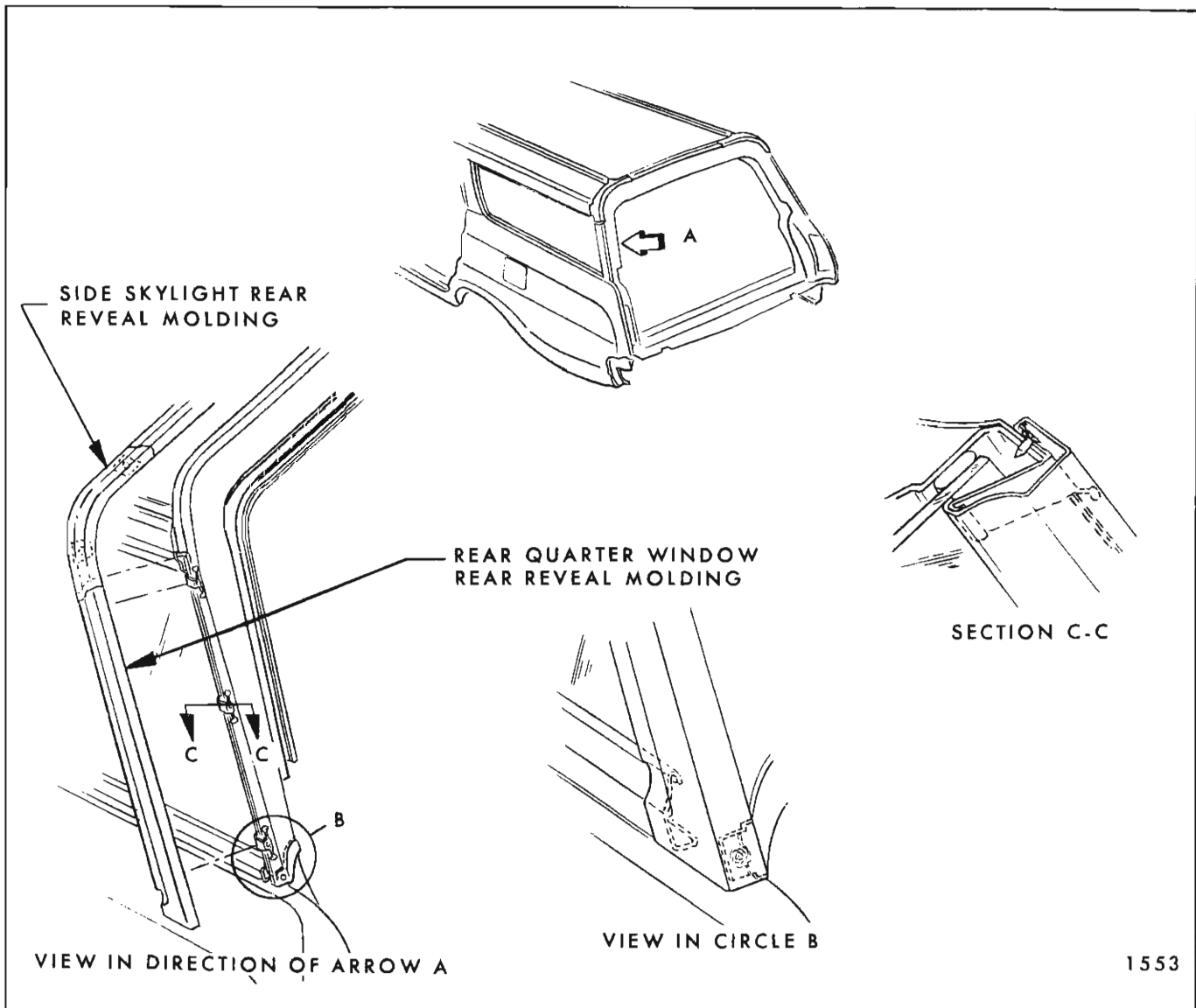
WINDOW REGULATOR ASSEMBLY (MANUAL AND ELECTRIC) 13000 SERIES "11" STYLES AND ALL "27" STYLES

Removal and Installation

1. Remove rear quarter window as previously described.

2. On "27" styles, and "11" styles with electrically operated windows, remove window guide upper adjusting stud ("27" styles only) and lower attaching screws (Fig. 2E24 for "11" styles, Fig. 2E25 for "27" styles) and remove guide assembly.

3. On styles with electrically operated windows, disconnect regulator motor wire harness at in-line connector mounted on inboard side of quarter inner panel.



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Fig. 2E23—Rear Quarter Window Rear Reveal Moulding

NOTE: Do not attempt to disengage permanent connector at regulator motor.

4. Disengage wire harness split grommet from quarter inner panel. Feed harness and connector through grommet hole into opening between inner and outer panel.

5. Remove regulator attaching screws (Fig. 2E24 for "11" styles, Fig. 2E25 for "27" styles) and remove regulator through access hole.

NOTE: The procedure for removing electric motor from regulator is described under "Door and Quarter Window Regulator Electric Motor Assembly" in the Door Section of this manual.

6. To install window regulator assembly, reverse removal procedure.

**WINDOW GUIDE ASSEMBLY
ALL "11" AND "27" STYLES**

Removal and Installation

1. Remove rear quarter trim assembly. On "27" styles, remove inner panel access hole cover. On "11" styles, remove inner panel water deflector.

2. With window in full up position, remove guide assembly upper adjusting stud and lower attaching screw (Fig. 2E24 for "11" styles, Fig. 2E25 for "27" styles). Disengage guide assembly from nylon guide on lower sash channel and remove guide assembly.

3. To install, reverse removal procedure.

REAR QUARTER WINDOW FRONT GLASS RUN CHANNEL ALL "11" AND "27" STYLES

Removal and Installation

1. Remove rear quarter window.
2. Remove two (2) attaching screws securing run channel to rear body lock pillar (see section B-B in View I of Fig. 2E26).
3. Insert a thin-bladed tool behind lower end of run channel and pry snap-in clip retainer on run channel from clip hole in lock pillar. Repeat operation at each fastener location and remove run channel.

NOTE: When disengaging clips, make certain that tool is behind clip. Prying force on channel assembly can tear clip loose from channel.

4. Prior to installation, inspect foam sealing material for any damage that would result in water-leaks and replace as necessary.

5. To install, reverse removal procedure. Run channel retainers merely snap into position.

REAR QUARTER WINDOW REAR GLASS RUN CHANNEL ALL "11" AND "27" STYLES

Removal and Installation

1. remove rear quarter window.
2. Remove run channel lower attaching bolt and the three (3) attaching screws securing run channel to side roof rail (see View II in Fig. 2E26).
3. Beginning at upper front of rear run channel, disengage snap-in clips on run channel from side roof rail along upper and rear edges of window opening.

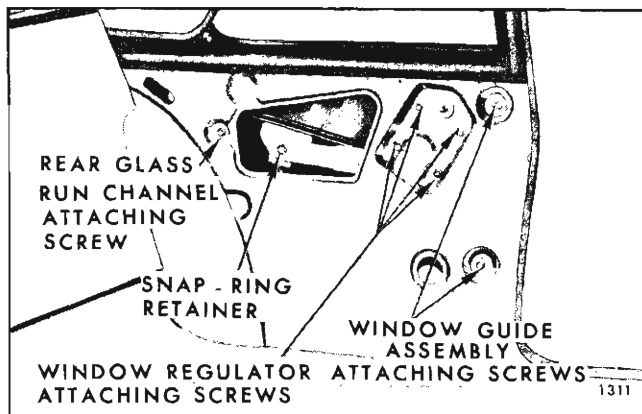


Fig. 2E24—Rear Quarter Hardware - "11" Styles

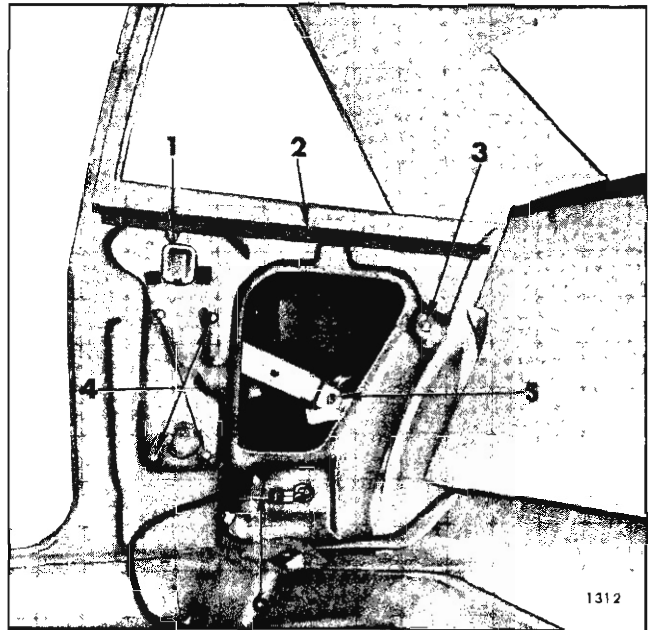


Fig. 2E25—Rear Quarter Hardware - "27" Styles

1. Front Guide Upper Adjusting Stud
2. Upper Trim Finishing Molding
3. Rear Glass Run Channel Attaching Screw
4. Window Regulator Attaching Screws
5. Regulator Lift-Arm Snap-Ring Retainer
6. Front Guide Lower Attaching Screw

4. At belt line, disengage tab on rear run channel from side roof rail by moving run channel downward into opening between the panels; then, remove run channel from body.

5. Prior to installation, inspect foam sealing material for any damage that would result in waterleaks and replace as necessary.

6. To install, reverse removal procedure.

REAR QUARTER WINDOW ADJUSTMENTS ALL "11" AND "27" STYLES

1. To obtain proper horizontal alignment so that window seats properly in glass run channels when window is operated to "up" position, proceed as follows:

a. Operate window to "full up" position and loosen window regulator attaching screws (Fig. 2E24 for "11" styles, Fig. 2E25 for "27" styles).

b. Insert a flat-bladed tool under window lower sash channel and pry window upward until lower sash channel is aligned with, and is making good contact with, outer sealing strip.

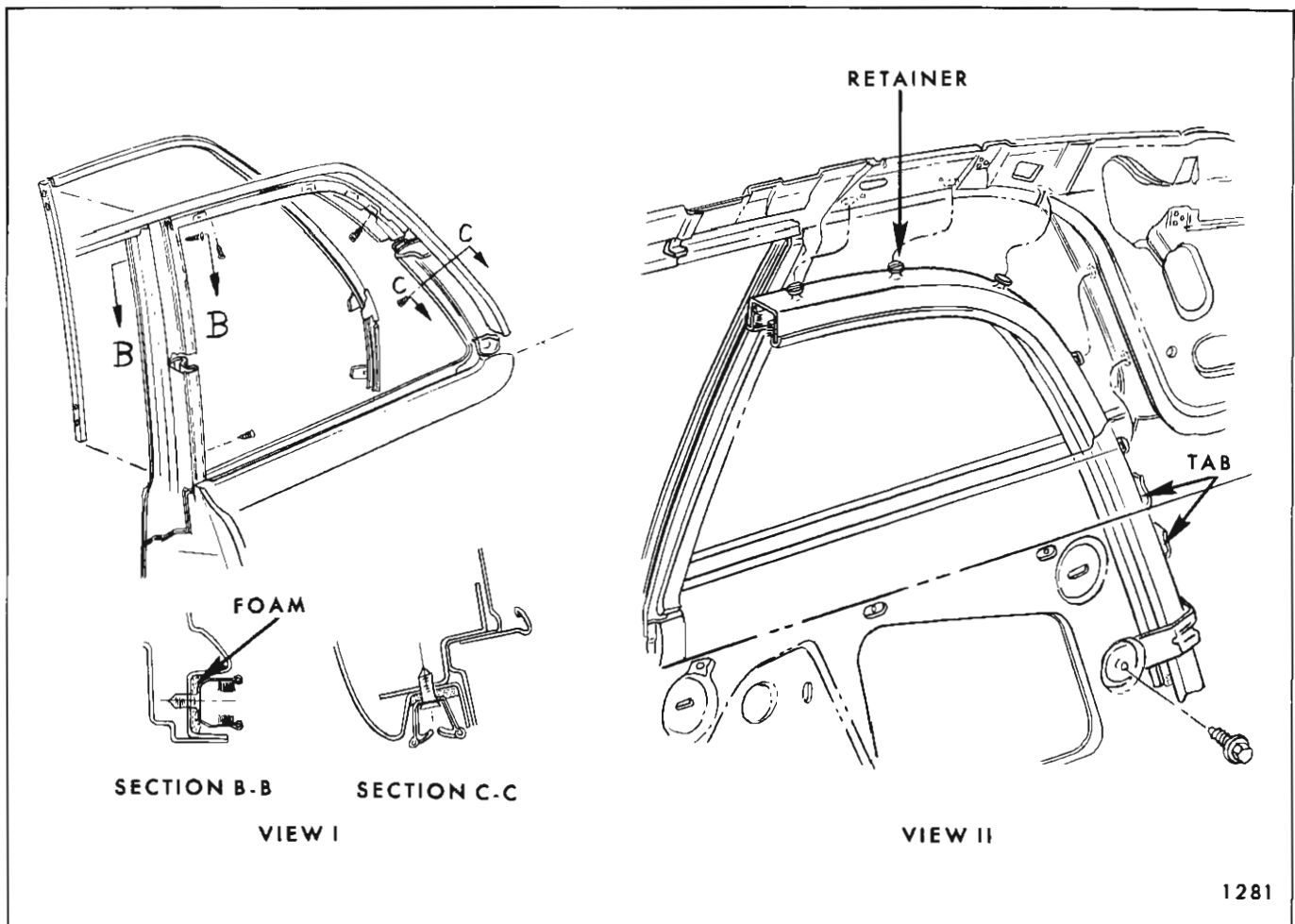


Fig. 2E26—Rear Quarter Window Glass Run Channels

c. Operate window regulator handle rapidly back and forth a few times (one eighth turn each way) to eliminate "slack" or "play" and then tighten regulator attaching screws.

2. To insure proper operation and proper engagement of window in rear run channel when window is operated to "full down" position, proceed as follows:

a. Loosen rear glass run channel attaching screw (Fig. 2E24 for "11" styles, Fig. 2E25 for "27" styles).

b. Operate window to full down position.

c. Adjust rear glass run channel lower end so that it makes slight contact with window assembly and tighten glass run channel attaching screws.

Figure 2E27 is a phantom view of "11" styles and Figure 2E28 is a phantom view of "27" styles. These illustrations identify the rear quarter hardware components and their relationship to each other.

REAR QUARTER WINDOW ASSEMBLY ALL "37" STYLES

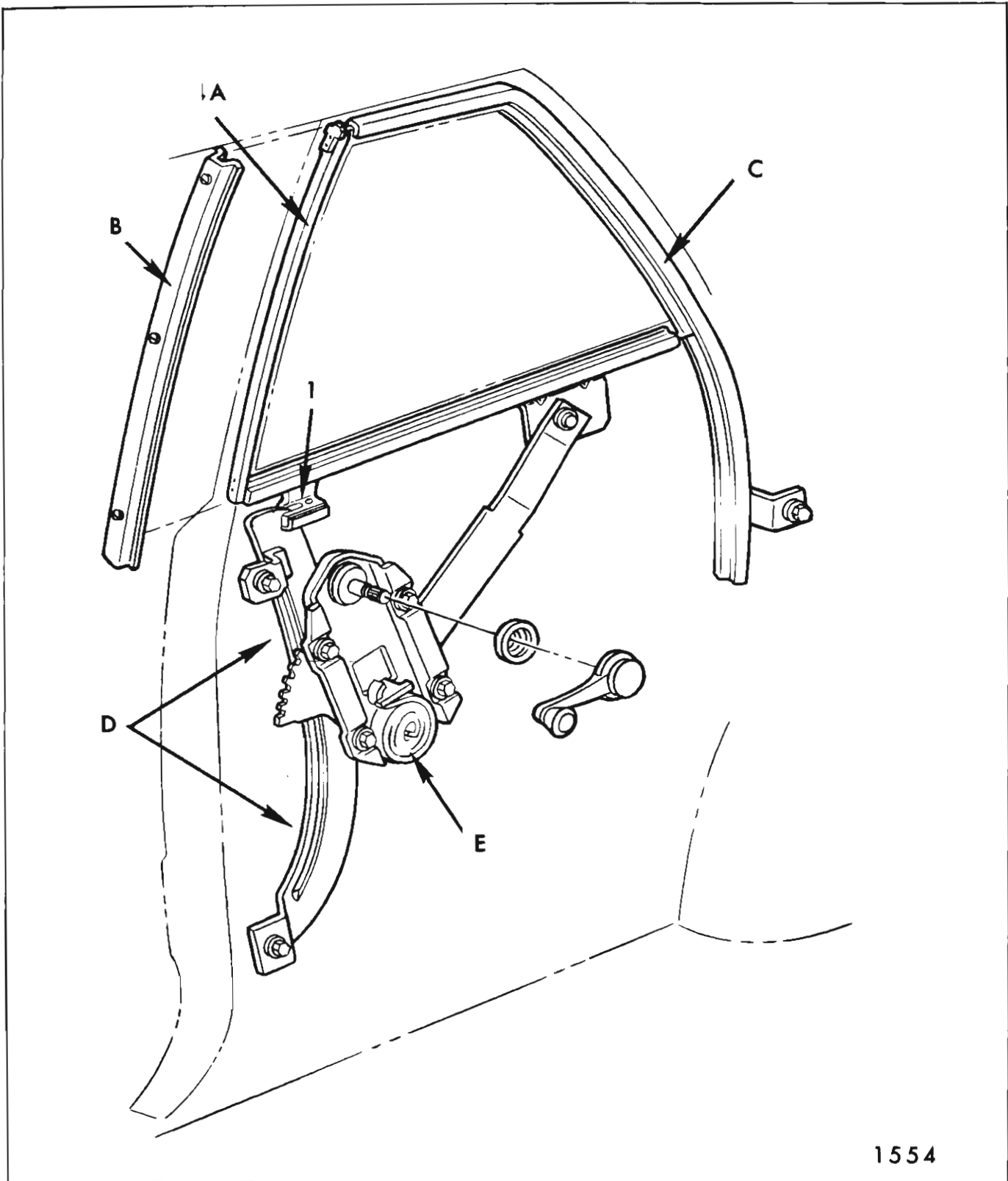
Removal and Installation

1. Remove rear quarter trim assembly and inner panel access hole cover. On Chevrolet and Pontiac styles, remove glass run channel inner strip assembly (at belt).

2. Remove rear guide attaching bolts. Disengage guide from roller on window lower sash channel and remove rear guide (see Fig. 2E29).

3. Loosen front guide upper and lower adjusting stud and nuts (Fig. 2E29). Disengage side roof rail weatherstrip from weatherstrip retainer above quarter window.

4. With window almost fully lowered, remove lower sash channel cam attaching screws (Fig. 2E29). Disengage cam from regulator arm roller and remove cam.



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Fig. 2E27—Rear Quarter Hardware - "11" Styles

- A. Window Assembly (Includes "Clothespin"
Nylon Guide at "1")
- B. Front Run Channel

- C. Upper Run Channel
- D. Window Guide Assembly
- E. Window Regulator Assembly

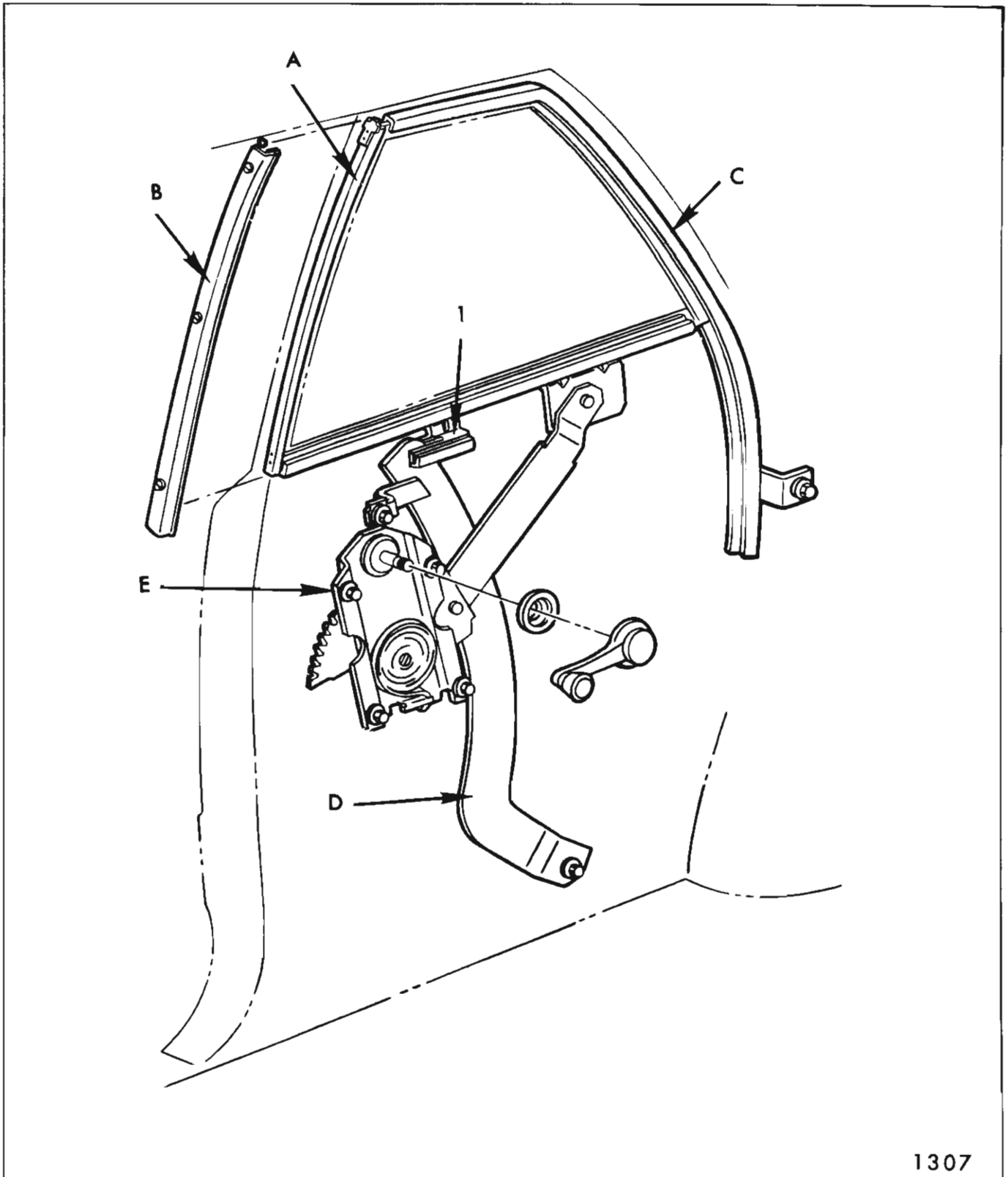


Fig. 2E28—Rear Quarter Hardware - "27" Styles

A. Window Assembly (Includes "Clothespin"
Nylon Guide at "1")
B. Front Run Channel

C. Upper Run Channel
D. Window Guide Assembly
E. Window Regulator Assembly

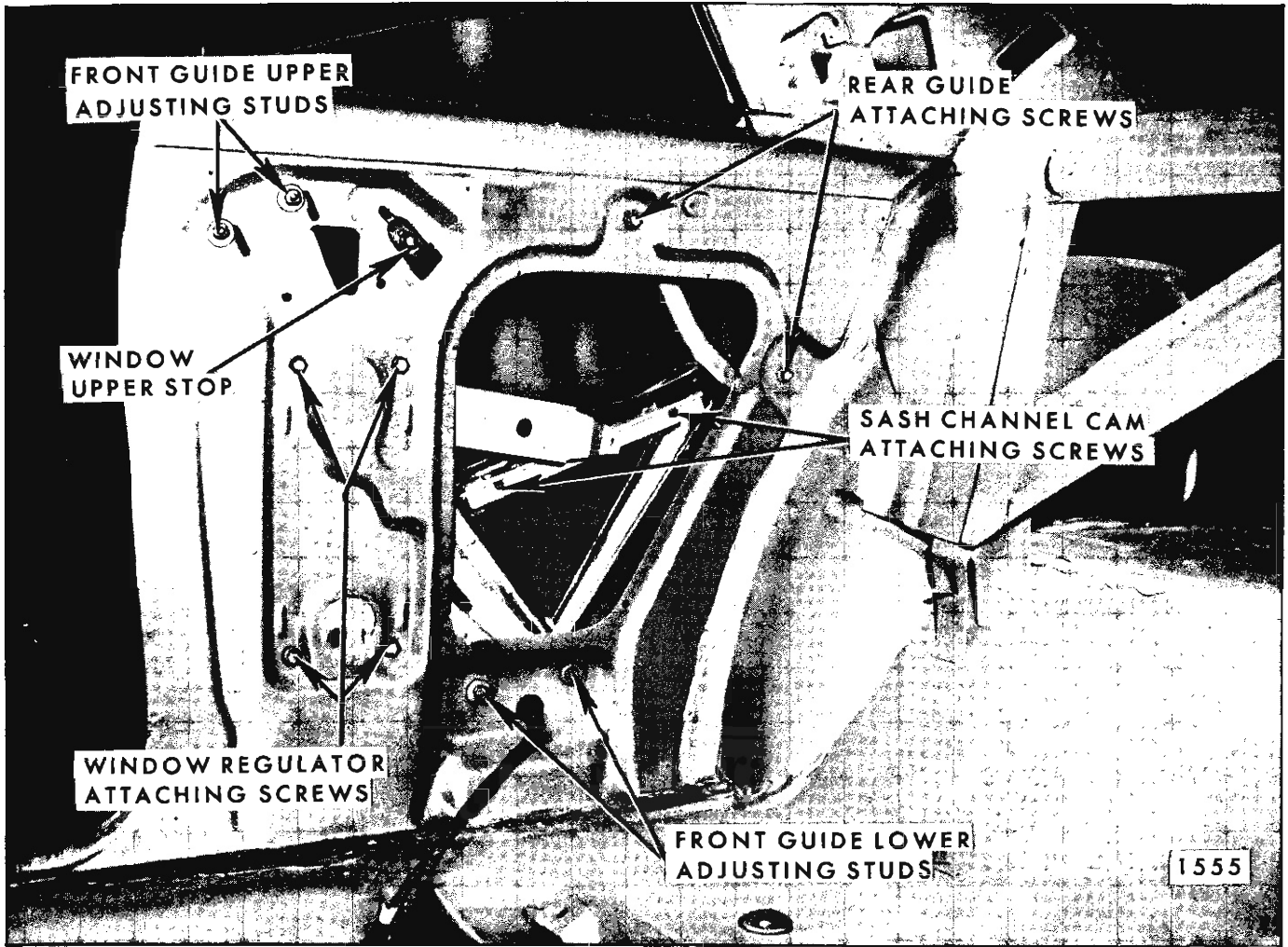


Fig. 2E29—Rear Quarter Window Hardware - "37" Styles

CAUTION: Support window to prevent it from dropping when cam is removed.

5. Disengage window from front guide and from between quarter panels by lifting window upward and inboard.

6. To install, reverse removal procedure. To facilitate engaging lower sash channel rollers with front guide, turn front guide adjusting studs "out" (counter clock-wise) as far as possible without removing from guide; then, in following order, engage lower roller in front guide rear cam and upper roller in front guide front cam. Once rollers are engaged, proceed with installation.

**REAR QUARTER WINDOW REAR GUIDE
ALL "37" STYLES**

Removal and Installation

1. Remove rear quarter trim assembly and inner panel access hole cover.

2. With window in half-down position, remove rear guide attaching screws (Fig. 2E29). Disengage guide from roller on window lower sash channel and remove guide.

3. To install, reverse removal procedure. Operate window to determine that guide is properly aligned.

**REAR QUARTER WINDOW FRONT GUIDE
ALL "37" STYLES**

Removal and Installation

1. Remove rear quarter window assembly as previously described.

2. Remove front guide upper and lower adjusting stud nuts (Fig. 2E29). Rotate guide forward (clock-wise - left side, counter clock-wise - right side) so that lower end of guide is above wheelhouse and upper end of guide can be started out access hole, then remove guide.

3. To install, reverse removal procedure. Prior to installation, lubricate front guide cams with Lubriplate #630AAW or its equivalent.

**REAR QUARTER WINDOW REGULATOR
ALL "37" STYLES**

Removal and Installation

1. Remove rear quarter window assembly and front guide as previously described.

2. On styles with power operated windows, disconnect regulator motor wire harness at in-line connector mounted on inboard side of quarter inner panel.

CAUTION: Do not attempt to disengage permanent connector at regulator motor.

3. Disengage wire harness split grommet from inner panel. Feed harness and connector through grommet hole into opening between inner and outer panel.

4. Remove window regulator attaching screws (Fig. 2E29) and remove regulator through large access hole.

NOTE: The procedure for removing motor from regulator is described in the Door Section under "Door and Quarter Window Regulator Electric Motor Assembly".

5. To install, reverse removal procedure. Restore all broken inner panel seals as specified under "Rear Quarter Inner Panel Sealing".

**REAR QUARTER WINDOW ADJUSTMENTS
ALL "37" STYLES**

To perform any rear quarter window adjustments, it is necessary to remove the rear quarter trim assembly.

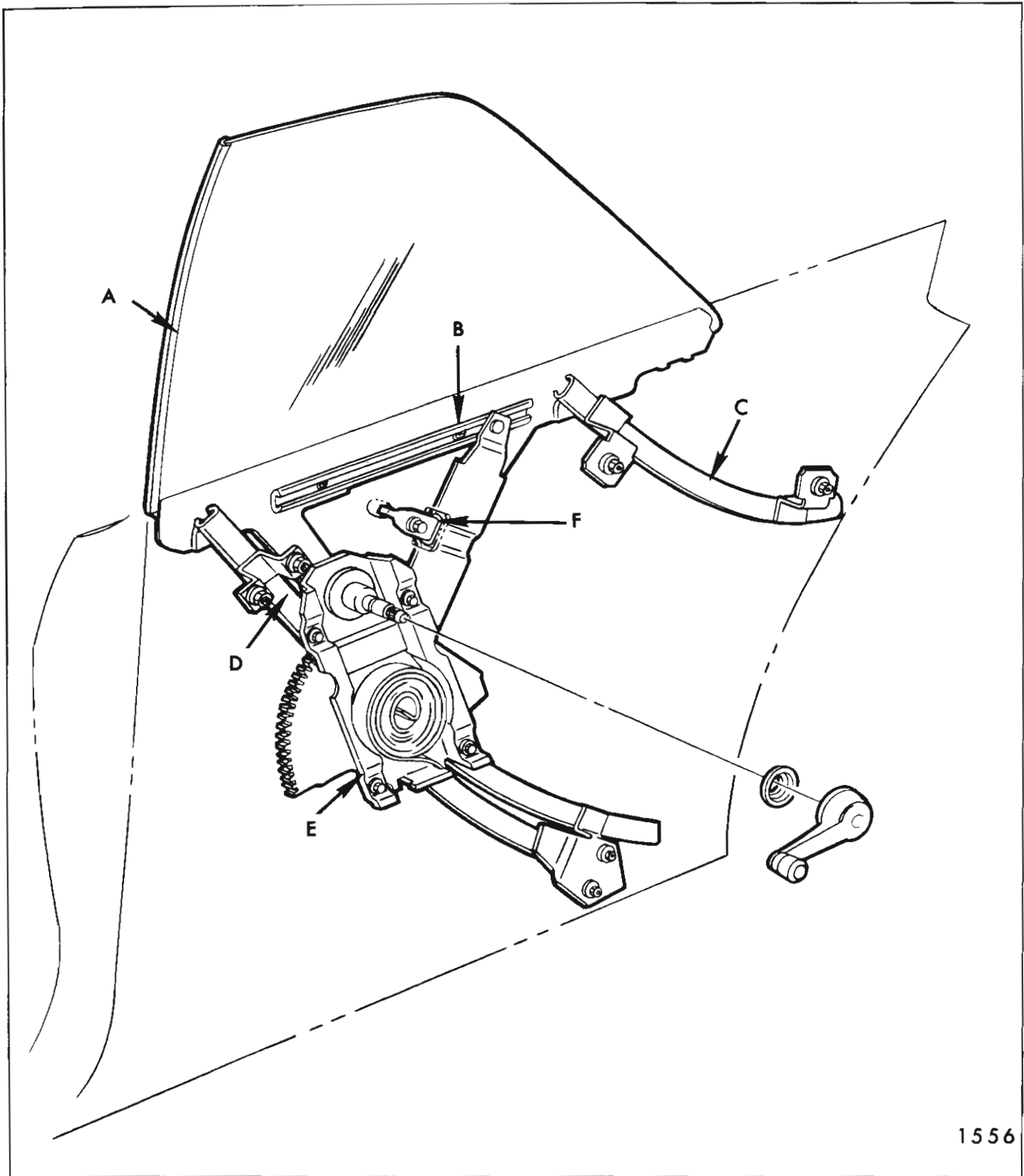
1. To adjust window "fore or aft", loosen front and rear guide adjusting stud nuts and attaching screws (Fig. 2E29). Position window and guides as required, then tighten loosened nuts and screws.

2. To adjust window "in or out" at belt line, loosen front guide upper adjusting stud nuts (Fig. 2E29). Adjust studs in or out as required, then tighten loosened stud nuts.

3. To adjust top of window "in or out", loosen front guide lower adjusting stud nuts (Fig. 2E29). Adjust studs in or out as required, then tighten stud nuts.

4. To relieve a "fore or aft" binding condition between front and rear guides, loosen front guide adjusting stud nuts and rear guide attaching screws (Fig. 2E29). Operate window to "full-up" position and tighten front guide upper adjusting stud nuts and rear guide upper attaching screw. Operate window to "full-down" position and tighten remaining stud nuts and screws.

NOTE: When adjusting studs on front guide, make certain that adjacent studs are adjusted equally to prevent creation of a bind between cam channels.



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Fig. 2E30—Rear Quarter Hardware - "37" Styles

- | | |
|---------------------------|---------------------|
| A. Window Assembly | D. Front Guide |
| B. Lower Sash Channel Cam | E. Window Regulator |
| C. Rear Guide | F. Window Up-Stop |

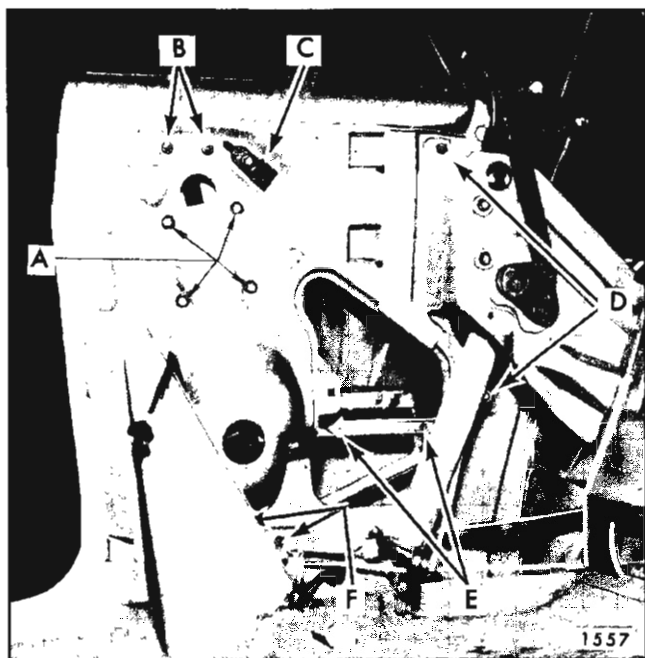


Fig. 2E31—Rear Quarter Window Hardware - "67" Styles

- A. Window Regulator Attaching Screws
- B. Front Guide Upper Adjusting Studs
- C. Window Upper Stop
- D. Rear Guide Upper and Lower Adjusting Studs
- E. Sash Channel Cam Attaching Screws
- F. Front Guide Lower Adjusting Studs

5. To limit forward and upward travel of window, adjust window upper stop as required (Fig. 2E29).

**WINDOW GLASS RUN STRIP ASSEMBLIES
(At Belt Line)
ALL STYLES EXCEPT 32000 AND 43000 SERIES**

Inner Strip

The inner strip assembly is retained by integral clips which engage slots in the return flange of the quarter inner panel. In addition, a screw is installed at the front.

To remove the strip assembly, first remove the screw; then, inserting a thin, hooked tool beneath the "tongue" of the clip inserted in the slot, carefully pull upward. Repeat this operation at each clip location and remove strip assembly.

NOTE: Prior to removal, apply masking tape to adjacent painted surfaces to protect finish. Prior to installation, reform strip assembly clips to assure adequate retention when installed.

Outer Strip

The outer strip assembly is retained by integral clips which engage slots in the quarter outer panel

return flange. In addition, screws are inserted through the strip assembly into the return flange.

To remove the strip assembly, first remove the screws along the length of the strip; then, inserting a thin, hooked tool beneath the "tongue" of the clip inserted in the slot, carefully pull upward. Repeat this operation at each clip location and remove the strip assembly.

Figure 2E30 is a phantom view of "37" style rear quarter hardware. This illustration identifies the hardware components and their relationship to each other.

**REAR QUARTER WINDOW ASSEMBLY
ALL "67" STYLES**

Removal and Installation

1. Lower folding top. Remove rear quarter trim assembly and inner panel access hole cover.

2. Where required (for glass clearance) remove glass run inner and/or outer strip assembly.

3. Loosen front and rear guide adjusting stud nuts (see Fig. 2E31).

4. Operate window to full-down position and remove lower sash channel cam attaching screws (Fig. 2E31).

5. Supporting window assembly with one hand, disengage sash channel cam from regulator lift arm roller and remove cam.

6. Raise window manually and remove it from between panels at belt line.

7. To install rear quarter window, reverse removal procedure.

**REAR QUARTER WINDOW REAR GUIDE
ALL "67" STYLES**

Removal and Installation

1. Remove rear quarter trim assembly and inner panel access hole cover.

2. With window in full-up position, remove rear guide upper and lower adjusting stud nuts (Fig. 2E31).

3. Disengage guide lower adjusting stud from slot in inner panel. Disengage upper adjusting stud from inner panel; then, pull guide off roller on window lower sash channel and remove through access hole.

4. To install, reverse removal procedure. Prior to installation, lubricate guide channel with 630AAW Lubriplate or equivalent. Adjust guide for proper window operation as described under "Rear Quarter Window Adjustments".

REAR QUARTER WINDOW FRONT GUIDE ALL "67" STYLES

Removal and Installation

1. Remove rear quarter window as previously described.

2. Remove front guide upper and lower adjusting stud nuts (Fig. 2E31).

3. Disengage guide adjusting studs from slots in quarter inner panel and remove through access hole.

4. To install, reverse removal procedure. Adjust guide for proper window operation as specified under "Rear Quarter Window Adjustments".

REAR QUARTER WINDOW REGULATOR (MANUAL) ALL "67" STYLES

Removal and Installation

1. Remove rear quarter trim assembly and inner panel access hole cover.

2. Lower window to "full down" position and remove sash channel cam attaching screws (Fig. 2E31). Disengage cam from roller on regulator lift arm and remove sash channel cam.

3. Remove window regulator attaching screws (Fig. 2E31) and remove regulator through access hole.

4. To install, reverse removal procedure.

REAR QUARTER WINDOW REGULATOR (ELECTRIC) ALL "67" STYLES

Removal and Installation

1. Remove rear quarter window and front guide assemblies as previously described.

2. Disconnect regulator motor wire harness at in-line connector located on inboard side of quarter inner panel.

NOTE: Do not attempt to disengage permanent connector at regulator motor.

3. Disengage wire harness split grommet from quarter inner panel. Feed harness and connector through grommet hole into opening between inner and outer panel.

4. Remove regulator attaching screws (Fig. 2E31) and remove regulator through access hole.

5. To install window regulator assembly, reverse removal procedure.

NOTE: The procedure for removing the electric motor from the regulator is described under "Door and/or Quarter Window Regulator Electric Motor Assembly".

REAR QUARTER WINDOW ADJUSTMENTS ALL "67" STYLES

1. Remove rear quarter trim assembly as previously described.

2. To adjust window "fore or aft", loosen front and rear guide adjusting stud nuts (Fig. 2E31). Position window and guides fore or aft as required; then tighten adjusting stud nuts.

3. To adjust window "in or out" at belt line, loosen front and rear guide upper adjusting stud nuts (Fig. 2E31). Adjust studs in or out as required; then tighten adjusting stud nuts.

NOTE: Major adjustment at top of guides may require some adjustment at bottom.

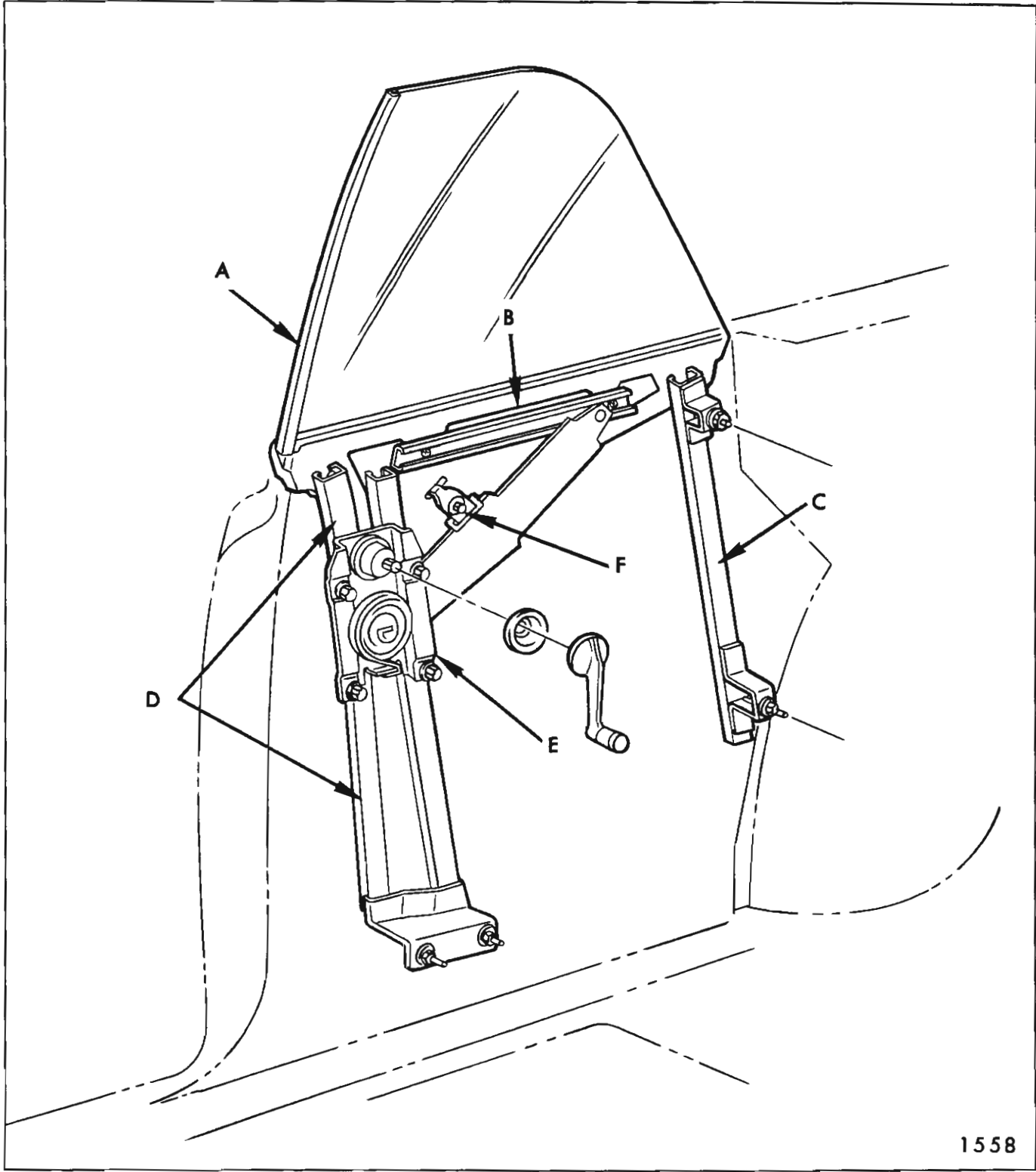
4. To adjust top of window "in or out", loosen front and rear guide lower adjusting stud nuts (Fig. 2E31). Adjust studs in or out as required; then tighten stud nuts.

5. To relieve a "fore and aft" binding condition between front and rear guides, loosen front and rear guide adjusting stud nuts (Fig. 2E31). Operate window to "full-up" position and tighten front and rear guide upper stud nuts. Operate window to "full-down" and tighten remaining stud nuts.

6. To limit forward and upward travel of window, adjust regulator lift arm stop as required (Fig. 2E31).

7. To adjust front or rear of window "in or out" at belt line, loosen either (or both) front and rear guide upper adjusting stud nuts and adjust studs in or out as required; then tighten stud nuts.

Figure 2E32 is a phantom view of "67" style rear quarter hardware. This illustration identifies the hardware components and their relationship to each other.



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Fig. 2E32—Rear Quarter Hardware - "67" Styles

- A. Window Assembly
- B. Lower Sash Channel Cam
- C. Rear Guide
- D. Front Guide
- E. Window Regulator
- F. Window Up-Stop

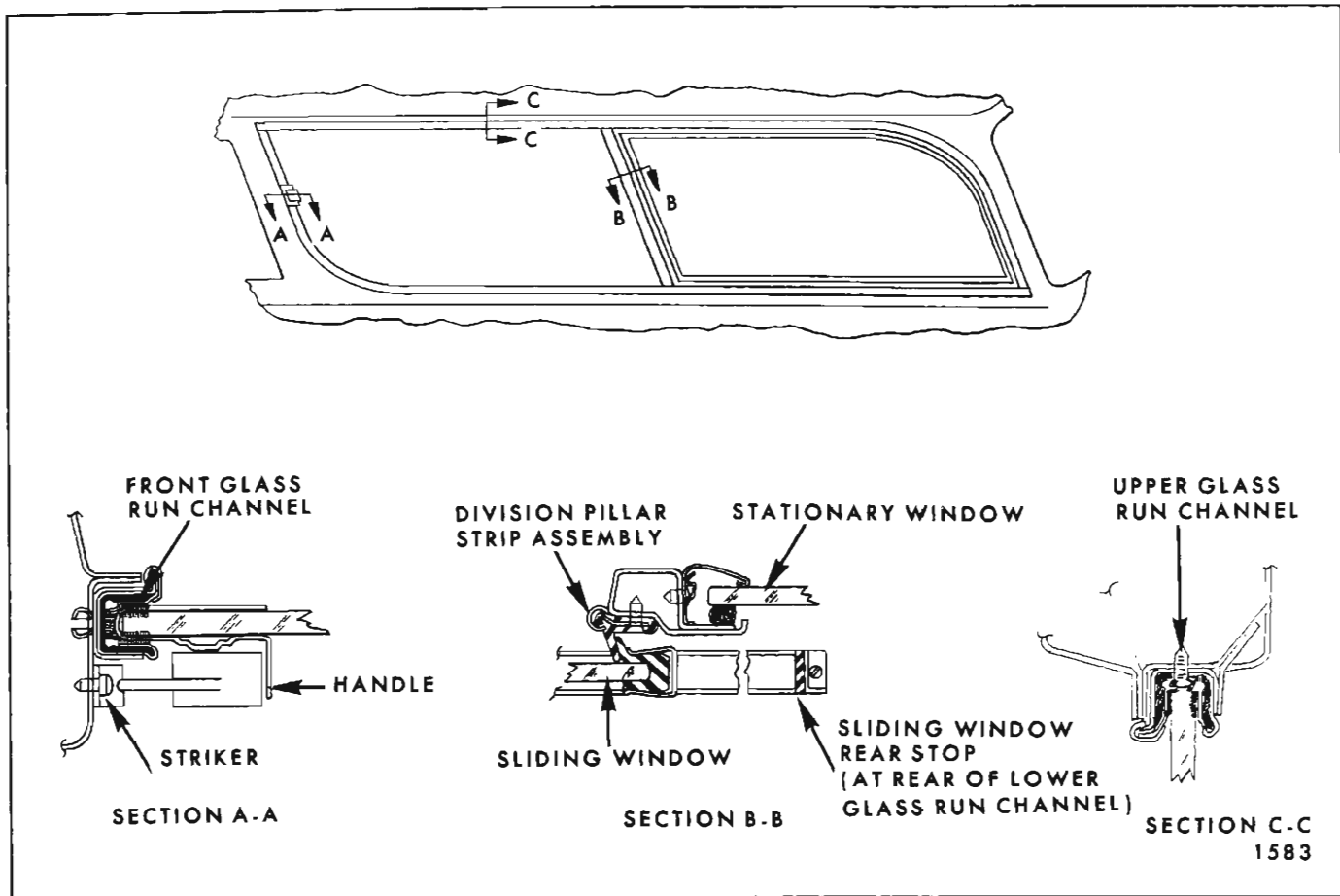


Fig. 2E33—Rear Quarter Sliding Window - "15" Styles

REAR QUARTER SLIDING WINDOW "15" STYLES

Removal and Installation

1. Remove rear quarter window lower front and center garnish moldings and sliding window catch striker.
2. Remove body lock pillar upper finishing cap, headlining retainer finishing lace center escutcheon, and headlining retainer finishing lace.
3. Loosen headlining from headlining retainer adjacent to sliding window sufficiently to expose retainer attaching clips. Remove clips securing retainer to side roof rail and remove retainer.
4. Remove screws securing upper glass run channel to side roof rail (Sec. "C-C", Fig. 2E33). Access to these four (4) screws can be gained by sliding glass fore and aft.
5. With sliding window partially open, use a flat-bladed tool to disengage (pry) snap-in "rosebud" fasteners on lower glass run channel from front

of window opening beginning at upper front corner and stopping at belt line (Sec. "A-A", Fig. 2E33).

6. Pivot upper edge of sliding window inboard sufficiently to allow removal of upper glass run channel and removal of glass from lower glass run channel; then, remove window from body.

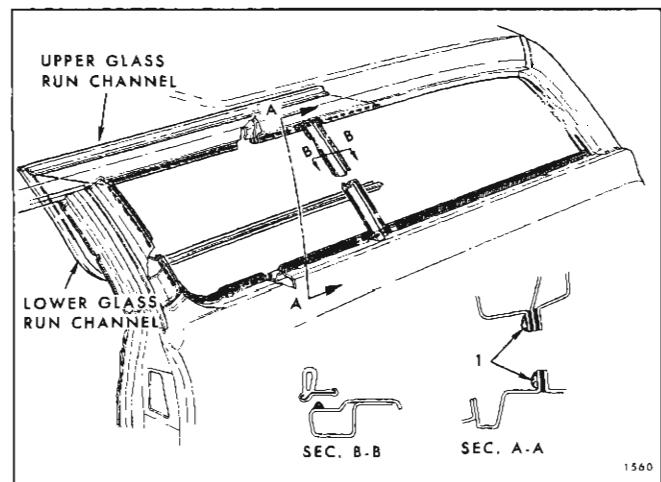


Fig. 2E34—Rear Quarter Sliding Window - "15" Styles

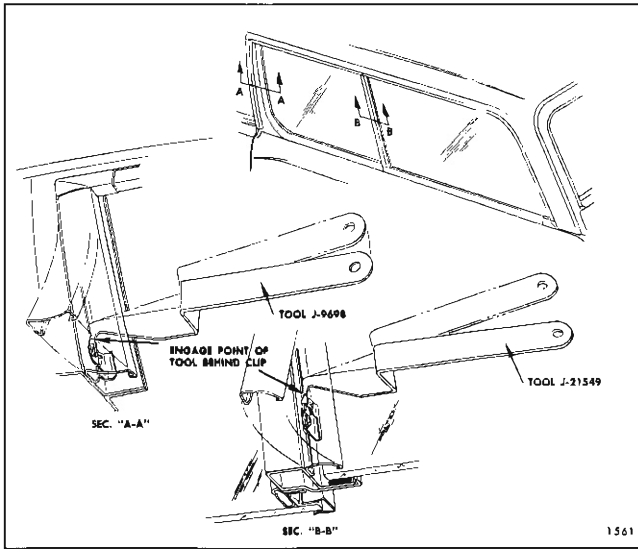


Fig. 2E35—Rear Quarter Window Reveal Moldings

7. To install rear quarter sliding window, reverse removal procedure. Prior to installing upper glass run channel and front section of lower glass run channel, apply a bead of body caulking compound to rabbet of window opening pinchweld flange to effect a watertight seal when run channel is installed.

CAUTION: Use care when handling or working near rear quarter window. All side and back windows are made of solid tempered safety plate glass and will shatter if chipped or deeply scratched.

UPPER AND LOWER GLASS RUN CHANNELS "15" STYLES

The rear quarter sliding window must be removed to remove either the upper or lower glass run channels. Therefore, refer to "Rear Quarter Sliding Window - Removal and Installation" for removal procedures.

The upper glass run channel is removed in the process of removing the sliding window.

To remove the lower run channel, remove the sliding window and disengage the snap-in "rosebud" clips on the run channel from the window opening rabbet.

Prior to installation of run channels, apply a bead of body caulking compound to window opening rabbet to effect a watertight seal when run channels are installed ("1", Fig. 2E34).

REAR QUARTER WINDOW DIVISION PILLAR STRIP ASSEMBLY "15" STYLES

Removal and Installation

1. Remove rear quarter sliding window as previously described.

2. Remove screws securing strip assembly to quarter window division pillar and remove strip assembly.

3. To install strip assembly, reverse removal procedure. Prior to installation, apply black weatherstrip adhesive to mating surface of strip assembly to effect a watertight seal when strip is installed. (Sec. "B-B", Fig. 2E33).

REAR QUARTER WINDOW REVEAL MOLDINGS "15" STYLES

Two types of clips are used to retain the reveal moldings around the periphery of the rear quarter sliding and stationary windows. Although both types are screwed-on and retain the moldings in a similar manner, they require separate tools to disengage them from the moldings.

To disengage any molding except the division pillar reveal molding, use tool J-9698 as described below and illustrated in Figure 2E35, section "A-A".

To disengage the division pillar reveal molding, use tool J-21549 as described below and illustrated in Figure 2E35, section "B-B".

NOTE: Use extreme caution not to get point of tool behind edge of glass. Any prying force with tool in that position could cause tempered safety plate glass to shatter.

QUARTER WINDOW UPPER OR LOWER FRONT REVEAL MOLDING "15" STYLES

To remove either the upper or lower front reveal molding, open the rear quarter sliding window. Insert tool J-9698 between pinchweld flange and molding as shown in Figure 2E35, section "A-A". Starting at upper front corner, engage point of tool behind clip and slightly rock tool to disengage clip from molding. Repeat this operation at each clip location; then, remove molding from body by pulling forward to slide it out of engagement from rear molding.

QUARTER WINDOW UPPER OR LOWER REAR REVEAL MOLDING "15" STYLES

To remove either the upper or lower rear reveal molding, insert point of tool J-9698 or equivalent between molding and glass. If difficulty is encountered inserting tool, pry rear edge of lower corner escutcheon outward to provide sufficient clearance between molding and glass.

Once tool is inserted, engage tool point behind clip as shown in Figure 2E35, section "A-A". Disengage clip from molding by rocking tool slightly. When all clips are disengaged, remove molding from front molding by pulling rearward.

QUARTER WINDOW DIVISION PILLAR REVEAL MOLDING "15" STYLES

To remove the division pillar reveal molding it is necessary to first remove the quarter window upper and lower rear reveal moldings which overlap the division pillar molding at the top and bottom.

With the upper and lower moldings removed, insert tool J-21549 between division pillar molding and glass as shown in Figure 2E35, section "B-B". Engage point of tool behind molding clip and disengage clip from molding by rocking tool slightly. Repeat this operation at each clip location and remove molding from body.

To install, align notches in molding flange with clip screws and engage molding flange with clips.

REAR QUARTER WINDOW REVEAL MOLDINGS ALL "35"- "55"- "65" STYLES

The clips that retain the quarter window reveal moldings are attached to the window opening by screws that are inserted through the clip into the body metal. A projection on the clip engages the molding flange retaining the molding between clip and body metal. A self-sealing integral washer on the reverse side (body side) of the clip protects against waterleaks at the screw locations.

To disengage reveal molding from retaining clip, insert tool J-21549-3 (J-9698) or equivalent between molding and glass. Engage point of tool behind clip and slightly rock tool. Repeat this operation at each clip location and remove molding (see Fig. 2E36, section "A-A").

NOTE: Adhesive caulked window glass tool set J-21549-02 is available as a service parts package and consists of:

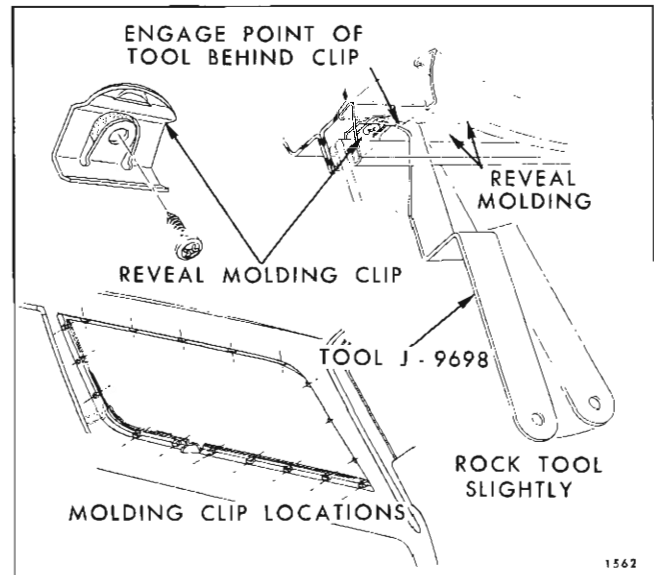


Fig. 2E36—Rear Quarter Window Reveal Molding Removal

- J-21549-1 ----- Handle
- *J-21549-2 ----- Reveal molding remover (flat-blade).
- **J-21549-3 ----- Reveal molding remover (angle-blade).

*Also available with handle included as J-21549.
**Also available with handle included as J-9698.

To install molding, position it to body and engage molding flange with clips.

NOTE: If difficulty is experienced inserting tool between molding and glass, pry rear edge of lower corner escutcheon outward to provide adequate clearance.

CAUTION: Use extreme care not to get point of tool behind edge of glass. Any prying force with tool in that position could cause the tempered safety plate glass to shatter.

REAR QUARTER STATIONARY WINDOW ALL "15"- "35"- "55"- "65" STYLES

The rear quarter stationary window is retained in the body opening by a self-curing, synthetic rubber adhesive caulking compound that adheres to both glass and window opening pinchweld flange.

Applied to the glass while in a soft state, the material begins to cure soon after exposure to air. Due to this fast curing characteristic, installation of glass into the body opening must follow quickly after application of material to glass.

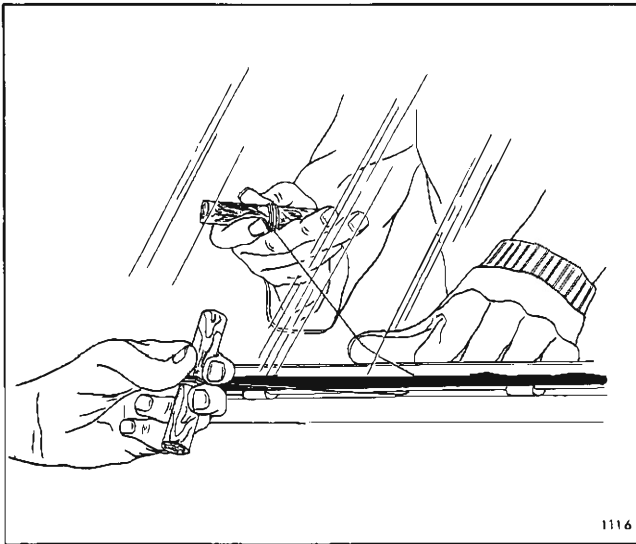


Fig. 2E37—Cutting-Out Adhesive Caulked Window

Because the cured material adheres to both glass and body pinchweld flange, it is necessary to cut through it to remove the window.

Adhesive Caulking Kit #4226000, which is designed for a "short method" windshield installation has some of the materials needed to remove and replace a stationary quarter window. The other materials that are needed to complete the installation are available either as service parts or at local supply houses.

Adhesive Caulking Kit #4226000 consists of:

- a. One (1) tube of adhesive caulking material.
- b. One (1) dispensing nozzle.
- c. Steel music wire.
- d. Adhesive Caulking Primer (for priming original caulking material remaining on pinchweld flange).

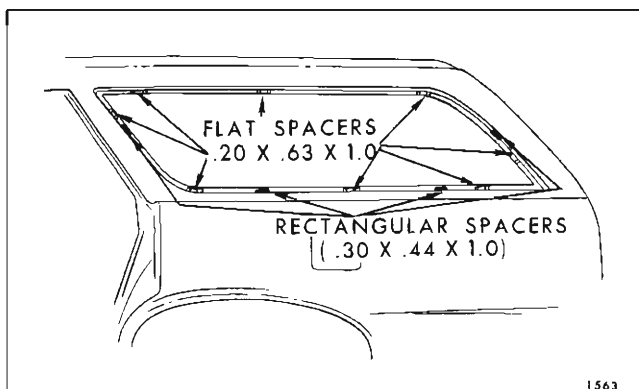


Fig. 2E38—Rear Quarter Window Spacer Installation

The materials that are required to remove and install a quarter window are as follows:

- *a. Two (2) Adhesive Caulking Kits #4226000, or equivalent.
- b. One (1) caulking gun (standard household type reworked as described in procedure).
- c. Two (2) pieces of wood for handles of cutting wire.
- d. Black Weatherstrip Adhesive, or equivalent.
- *e. Painted surface primer (needed only if pinch-weld flange is repainted).
- *f. Rubber glass spacers (see procedure for amount and usage).

1. Spacer (Part No. 4459429 or equivalent) .20 x .63 x 1.0 (flat).

2. Spacer (Part No. 4404196 or equivalent) .30 x .44 x 1.0 (rectangle).

3. Spacer (Part No. 4871330 or equivalent) .34 x .44 x 1.0 (rectangle).

*Available as service parts.

**QUARTER WINDOW REMOVAL (Glass Intact)
ALL "15"- "35"- "55"- "65" STYLES**

1. Remove rear quarter window reveal moldings as previously described. On Chevrolet "15" styles, remove rear quarter sliding window and lower glass run channel. Remove spare tire cover and lower rear garnish molding.

2. Secure one end of steel music wire to a piece of wood that can serve as a handle. Insert other end of wire through caulking material at a lower corner of quarter window and secure that end to a second piece of wood (Fig. 2E37).

3. With the aid of a helper, carefully cut (pull wire through) caulking material up one side, across top, down opposite side and across bottom. If difficulty is encountered at rubber spacer locations, cut through spacers using a slow sawing motion. Do not use a quick motion as wire will heat-up and break. Keep tension on wire throughout cutting operation, to prevent "kinks" in wire.

4. Remove window from body opening. If same glass is to be reinstalled, place it up-side-down on a clean protected surface. Using a sharp scraper or razor blade, remove major traces of

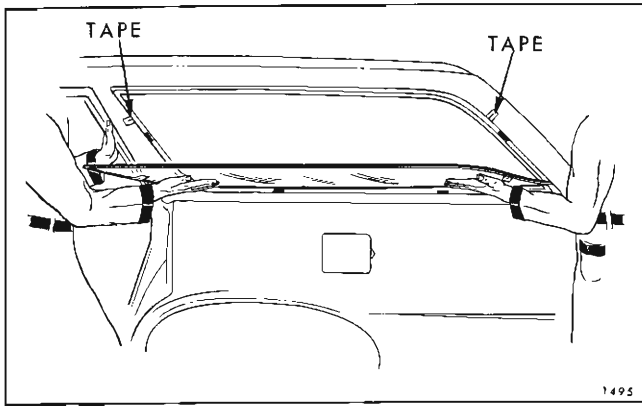


Fig. 2E39—Rear Quarter Window Installation

old caulking material from glass. Remove all remaining traces with a toluene or thinner dampened rag.

NOTE: Do not use an oil base solvent. Any traces of oil will prevent adhesion of new caulking material to glass.

5. Using a sharp scraper or chisel, remove major portion of old caulking material from pinchweld flange around window opening. It is not necessary that all of it be removed, but there should not be any mounds or loose pieces of material left.

Installation

If new window is being installed because former glass shattered, perform steps 1 and 5 of "Quarter Window Removal" procedure before proceeding with installation.

1. Check all reveal molding retaining clips. If upper end of a clip is bent away from body metal more than $1/32$ of an inch, either reform or replace clip. Check all clip screws and tighten any found to be loose.

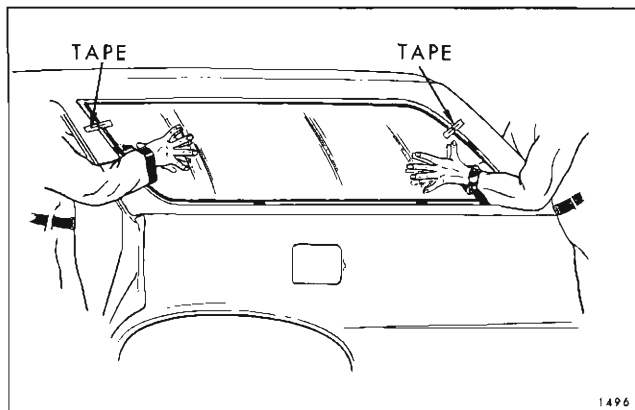


Fig. 2E40—Rear Quarter Window Installation

2. On all but "15" styles, cement eight (8) flat spacers (.20 x .63 x 1.0 - Part No. 4459429 or equivalent) to window opening pinchweld flange with black weatherstrip adhesive as shown in Figure 2E38. On "15" styles omit bottom center spacer.

NOTE: Use sufficient adhesive to protect against waterleaks at spacer locations which tend to be very vulnerable.

3. With black weatherstrip adhesive, cement four (4) rectangular spacers (.30 x .44 x 1.0 - Part No. 4404196 or equivalent) to quarter window lower and side opening rabbets in the depressions provided, two (2) across lower rabbet and one (1) on each side rabbet (Fig. 2E38).

4. With aid of a helper, carry glass to body as shown in Figure 2E39. Then, with helper supporting glass with both hands, reach one hand around body pillar and support glass while helper also reaches around pillar to assume position shown in Figure 2E40. Position glass in opening by making contact along upper edge first, then swing in lower edge.

5. Check relationship of glass to pinchweld flange around entire perimeter. Overlap of pinchweld flange by glass should be equal with a minimum overlap of $3/16$ ". Inadequate overlap across top may be corrected by replacing two (2) rectangular glass support spacers across bottom with thicker spacers. Standard spacers are .30" thick, but .34" thick spacers are available as a service part (See beginning of procedure).

6. Check relationship of glass contour to body opening. Gap space between glass and pinchweld flange should be no less than $1/8$ " nor more than $1/4$ ". If difficulty is encountered staying between these limits, correction can be made by any one of the following methods:

- a. Position another glass in opening to determine if a better fit can be obtained.
- b. Rework pinchweld flange.
- c. Apply more caulking material than is specified at excessive gap areas. Material can be applied to pinchweld flange or by allowing bead on glass to exceed specified $3/8$ " height at gap areas.

7. After final adjustments have been made and glass is in proper position, apply a piece of masking tape horizontally over front and rear edges of glass and body pillars (Fig. 2E40). Slit tape vertically at glass edge so that tape on glass can be aligned with tape on body and act as a guide when glass is installed.

8. Remove glass from body opening and place inner surface up on a glass holding fixture or clean protected surface.

9. Beginning at a corner, apply one inch masking tape completely around edge of glass inner surface 1/4" inboard from outer edge (see Fig. 2E41).

10. From inside of body, apply masking tape around window opening to protect painted and trimmed surfaces.

NOTE: Adhesive caulking compound is very difficult, if not impossible, to clean off of trim materials.

11. Using a clean, lint-free cloth liberally dampened with adhesive caulking primer, briskly rub primer over and into original adhesive caulking material remaining on pinchweld flange completely around window opening. Perform following steps while allowing primer to dry 5 to 10 minutes. If the pinchweld flange has been repainted, prime flange with Painted Surface Primer, or equivalent.

12. Enlarge dispensing end of one nozzle by cutting out notch along score line indicated at "A" in Figure 2E41. This nozzle will be used to apply the bead of adhesive material to glass. Cut nozzle from the second kit at a 45 degree angle as indicated at "B" in Figure 2E41. This latter nozzle will be used to apply a smear bead to pinchweld flange of opening.

13. Wipe surface of glass to which bead of adhesive caulking material will be applied (between masking tape and edge of glass) with a clean, water-dampened rag. Dry glass thoroughly with a clean, dry rag.

14. Remove cap and protective end cover from one tube of adhesive caulking material and insert "glass bead" nozzle (nozzle cut on score line).

15. Insert tube in a standard household type caulking gun reworked as follows:

a. Widen end-slot of caulking gun with a file sufficiently to accept dispensing end of tube.

b. Grind down disc on plunger rod so that disc will fit into large end of tube.

16. With caulking gun and nozzle positioned as illustrated in Figure 2E41 carefully apply a smooth continuous bead of caulking material 3/8" high by 3/16" wide at base completely around inside edge of glass.

NOTE: When material in first tube is dispensed, quickly insert second tube and continue application of bead. This material begins to cure after

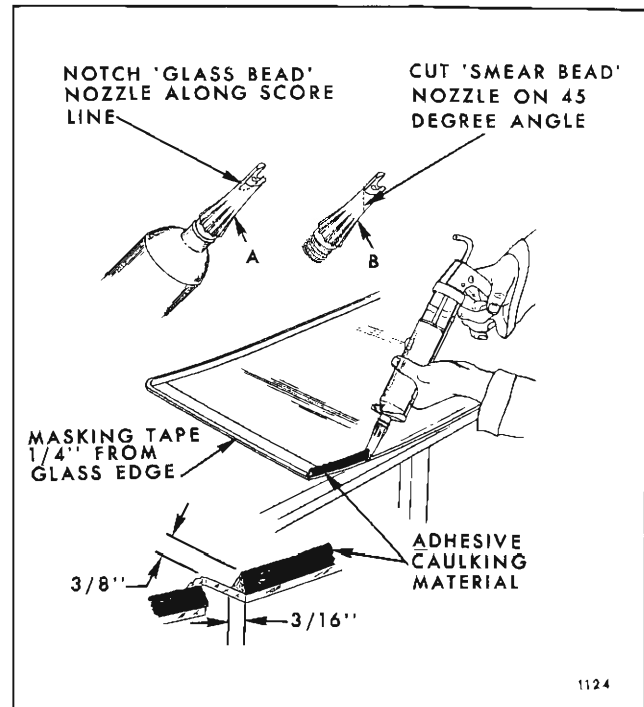


Fig. 2E41—Adhesive Caulking Material Application—
Extended Method

fifteen (15) minutes exposure to air; therefore, perform the following steps immediately and install glass in the opening as quickly as possible.

17. Remove "glass bead" nozzle and insert "smear bead" nozzle (nozzle cut on 45° angle). Holding caulking gun at an angle so that opening of nozzle rests flat on pinchweld flange, apply a thin (1/4" wide x 1/16" high) "smear bead" of adhesive caulking material completely around pinchweld flange.

18. With the aid of a helper, carefully install glass as described previously in step 4 (Figs. 2E39 and 2E40). Make certain that glass sets properly on all spacers and does not have to be shifted after caulking material contacts pinchweld flange. Focus attention on tape guides that were applied to glass and body to properly align glass in opening.

NOTE: When setting glass into opening, make contact with upper edge of glass first, then swing in lower edge. Install reveal moldings to hold glass in opening.

19. Working inside the body, run a flat stick around window opening pinchweld flange to press squeeze-out material back into opening between glass and pinchweld flange.

20. Watertest car immediately with a cold water spray. If any waterleaks are encountered, use a

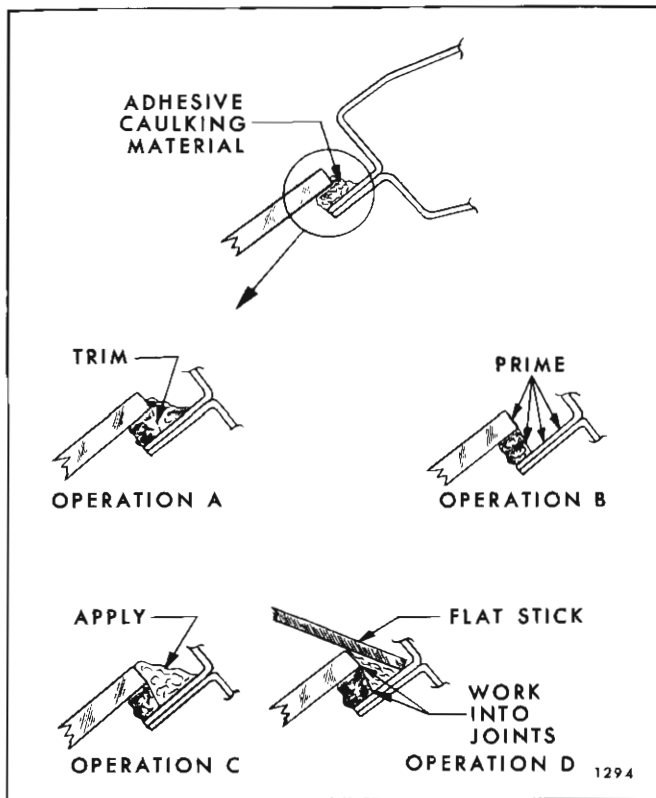


Fig. 2E42—Correction of Adhesive Caulking Glass Installation Waterleaks

- Trim off adhesive caulking material along edge of glass.
- Prime areas indicated using a small brush.
- Apply adhesive caulking material (use Kit #4226000 or equivalent).
- Using a flat stick, work adhesive caulking material well into joints of original material, painted body flange and glass.

flat-bladed tool to work material into leak point. Remove tape from inside surface of glass.

- Install all previously removed parts and remove protective coverings.

NOTE: Unused adhesive caulking material remaining in tube can be stored for later use. To store, remove nozzle and insert end cap previously removed. Do not remove material from nozzle until it has cured. Once cured, material can be removed from nozzle in one piece with a pair of pliers.

MINOR WATERLEAK CORRECTIONS

(With adhesive caulking material in a cured state)

Adhesive caulking glass installation waterleaks can be corrected in the following manner without removing and reinstalling the glass.

NOTE: The following procedure is applicable only with the use of adhesive caulking material and primer furnished in GM Kit Part No. 4226000 or equivalent.

- Remove reveal moldings in area of leak.
- Mark location of leak(s).

NOTE: If leak is between adhesive caulking material and body or between material and glass, carefully push outboard on glass in area of leak to determine extent of leak. This operation should be performed while water is being applied to leak area. Mark extent of leak area.

- From outside body, clean any dirt or foreign material from leak area with water and then dry cleaned area with an air hose.

- Using a sharp knife, trim off uneven edge of adhesive caulking material (see operation "A" in Fig. 2E42) at the leak point and three to four inches on both sides, beyond limits of leak area.

- Using a small brush, apply adhesive caulking material primer over trimmed edge of adhesive caulking material and over adjacent painted surface (see operation "B" in Fig. 2E42).

- Apply adhesive caulking material (as shown in operation "C" in Fig. 2E42) at leak point and three to four inches on both sides, beyond limits of leak area.

- Immediately after performing step No. 6, use a flat stick, or other suitable flat-bladed tool, to work adhesive caulking material well into leak point and into joint of original material and body to effect a watertight seal along entire length of material application (see operation "D" in Fig. 2E42).

- Watertest (spray) to assure that leak has been corrected. DO NOT run a heavy stream of water directly on freshly applied adhesive caulking material.